University of Pretoria Yearbook 2020

BEd Intermediate Phase Teaching (09133021)

Minimum duration of study	4 years
Total credits	680
NQF level	07

Admission requirements

- The following persons will be considered for admission: candidates who are in possession of a certificate that is deemed by the University to be equivalent to the required Grade 12 certificate with university endorsement; candidates who are graduates from another tertiary institution or have been granted the status of a graduate of such an institution; and candidates who are graduates of another faculty at the University of Pretoria.
- Life Orientation is excluded when calculating the APS.
- Prospective students with an APS of 26-27 must write the National Benchmark Test (NBT). Final admission is determined by the Admissions Committee of the Faculty and is based on the results of the NBT.
- As soon as candidates are admitted to the BEd degree, they will be informed that they must register at the University in January of the following year. It is in the interest of prospective students to apply as soon as possible, particularly in respect of financial support and/or residence placement.

University of Pretoria website: www.up.ac.za/education

National Benchmark Test website: www.nbt.ac.za

Minimum requirements		
Achievement level		
English Home Language or English First Additional Language		**APS**
NSC/IEB	AS Level	
4	D	**28 (26 - 27 admission based on the NBT)**

* Cambridge A level candidates who obtained at least a D in the required subjects, will be considered for admission. International Baccalaureate (IB) HL candidates who obtained at least a 4 in the required subjects, will be considered for admission.

Other programme-specific information

Elective modules

- Choose two electives at first-year level of which one must be a language. These electives should also be taken up to second year level, of which the language taken at first- year level must be one of the second year electives. Continuing the elective to third-year level is considered an optional extra.
- Students select one of the following African Languages on first-year level: IsiZulu , Sepedi, Setswana, IsiNdebele .

- If Afrikaans is chosen for First Language Teaching, all modules must be taken (including JAF 361).
- If English is chosen for First Language Teaching, all modules must be taken (including JEN 361).
- If Intermediate Mathematics is chosen as an elective, all modules listed must be taken.
- If Science and Technology is chosen as an elective all modules in the combination have to be taken.
- Students who choose History or Geography as an elective must take all first year modules for both subjects, and then choose either Geography or History on second year-level. Both methodologies of History and Geography must be taken at second-year level, and the third and fourth year methodologies are taken according to the subject chosen to second year.
- Modules are chosen according to the class timetable. NO TIMETABLE CLASHES ARE ALLOWED
- Students can only choose one of Art Education or Music Education or Life Orientation and Human Movement Studies and Sport management and need to take all listed modules.
- Life orientation and Human movement studies and sport management must be taken together.
- In the case of Music Education either beginners (JMO 181, 182) or advanced level (JMO 101, 102, 201, 202, 203 and 204) is chosen at first year level.
- JNH 454 First aid is compulsory only for students who take Human Movement Studies and Sport Management as elective up to 3rd year level.

Mathematics modules

- WTW 146 and WTW 148 is available to BEd students who take only a single full year of Mathematics as an elective with either WTW 114 or WTW 134 as first semester module.
- WTW 161 and WTW 168 may be added to lists as alternatives used for recognition to replace WTW 126 and 128 or WTW 146 and 148, but are not available for BEd students.

Methodology of elective modules

Choose 2 methodologies in accordance with the elective modules chosen, of which one methodology must be the chosen language methodology. The same methodologies will be taken on second-, third- and fourth-year level.

Class attendance

The teacher education programmes of the Faculty of Education have been approved and accredited by the Department of Education. Due to the fact that the Faculty places high emphasis on the development of skills and competences, class attendance is compulsory for all student teachers for the full duration of the training period specified by SAQA (South African Qualification Authority).

Examinations and pass requirements

Special examinations

- A third-year student who has failed a maximum of four semester modules or the equivalent thereof, with a final mark of at least 40% in each, may be admitted by the Dean to a special examination in those modules during January of the following year, provided that this will enable the student to comply with all requirements for promotion to the fourth year of study.
- A final-year BEd student requiring a maximum of 4 semester modules or the equivalent thereof to complete his or her degree, with a final mark of 40% in each, may be admitted to a special examination, during January of the following year. If the special examination is conducted before 1 February, a student is not required to register again and the examination is treated as a supplementary examination. If the special examination is conducted on or after 1 February, the student must register again for the module(s) in question and the lecturer may require that a semester mark be obtained in an appropriate manner. In such a case, the result of the examination will not be taken into consideration with a view to the graduation ceremonies in March/April.

Pass with distinction

The degree is conferred with distinction to a student who obtains an overall weighted average (GPA) of 75% or higher in the BEd programme, with the condition that the degree is completed in the prescribed 4 years.

Curriculum: Year 1

Minimum credits: 170

Elective Modules
Students select one of the following African Languages on first-year level:

- **IsiZulu** - ZUL 110, 120 for beginners or ZUL 111, AFT 121 for speakers of IsiZulu as a home or first or second additional language
- **Sepedi** - SEP 110, 120 for beginners or SEP 111, AFT 121 for speakers of Sepedi as home or first or second additional language
- **Setswana** - STW 110, 120 for beginners or STW 111, AFT 121 for speakers of Setswana as a home or first or second additional language
- **IsiNdebele** - NDE 110, AFT 121 (only available to speakers of isiNdebele as home language or first or second additional language)

Fundamental modules

Academic information management 101 (AIM 101)

Module credits	6.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Economic and Management Sciences Faculty of Humanities Faculty of Law Faculty of Health Sciences Faculty of Natural and Agricultural Sciences Faculty of Theology and Religion Faculty of Veterinary Science
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Information Science
Period of presentation	Semester 1

Module content

Find, evaluate, process, manage and present information resources for academic purposes using appropriate technology. Apply effective search strategies in different technological environments. Demonstrate the ethical and fair use of information resources. Integrate 21st-century communications into the management of academic information.

Academic information management 111 (AIM 111)

Module credits	4.00

Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Economic and Management Sciences Faculty of Humanities Faculty of Law Faculty of Health Sciences Faculty of Natural and Agricultural Sciences Faculty of Theology and Religion
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Information Science
Period of presentation	Semester 1

Module content

Find, evaluate, process, manage and present information resources for academic purposes using appropriate technology.

Academic information management 121 (AIM 121)

Module credits	4.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Economic and Management Sciences Faculty of Humanities Faculty of Law Faculty of Health Sciences Faculty of Natural and Agricultural Sciences Faculty of Theology and Religion Faculty of Veterinary Science
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Informatics
Period of presentation	Semester 2

Module content

Apply effective search strategies in different technological environments. Demonstrate the ethical and fair use of information resources. Integrate 21st-century communications into the management of academic information.

Literacies in education 110 (JLZ 110)

Module credits	6.00
Prerequisites	Afrikaans Home Language 60% or English Home Language 60% or English 1st Add Language 70%

Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 1

Module content

The module is aimed at building on students' personal literacies and relating these to the types of literacy they need to study successfully at university. The primary focus is on academic reading abilities, including reading strategies, acquiring an academic vocabulary and learning to read important academic genres critically, such as examination papers and academic articles.

Literacies in education 111 (JLZ 111)

Module credits	6.00
Prerequisites	Afrikaans Home Language 50% OR English Home Language 50% OR English 1st Add Language 60%
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 1

Module content

The module is aimed at building on students' personal literacies and relating these to the types of literacy they need to study successfully at university. The module focuses primarily on academic reading abilities, including reading strategies, acquiring an academic vocabulary and learning to read important academic genres critically, such as examination papers and academic articles. Additional support is provided through practical tasks and discussions.

Literacies in education 120 (JLZ 120)

Module credits	6.00
Prerequisites	Afrikaans Home Language 60% OR English Home Language 60% OR English 1st Add Language 70%
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 2

Module content

The module focuses on producing academic texts. Students learn how to use different modes of writing, including description, discussion, cause and effect, explanation and argumentation. They learn how to plan, write and edit an academic essay using a process approach. Specific attention is paid to engaging with other authors, and referencing appropriately. The module also pays attention to formatting academic work and representing verbal information visually.

Literacies in education 121 (JLZ 121)

Module credits	6.00
Prerequisites	Afrikaans Home Language 50% OR English Home Language 50% OR English 1st Add Language 60%
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 2

Module content

The module focuses on producing academic texts. Students learn how to use different modes of writing, including description, discussion, cause and effect, explanation and argumentation. They learn how to plan, write and edit an academic essay, using a process approach. Specific attention is paid to engaging with other authors, and referencing appropriately. The module also pays attention to formatting academic work and representing verbal information visually. Additional support is provided through practical tasks and discussions.

Academic orientation 109 (UPO 109)

Module credits	0.00
Language of tuition	Module is presented in English
Department	Education Deans Office
Period of presentation	Year

Core modules

Conversational Competence: Sepedi 100 (CCI 100)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in English and Sepedi
Department	African Languages
Period of presentation	Semester 1

Module content

To endow prospective teachers, who has no knowledge of an African language, with a basic conversational competence in Northern Sotho (Sepedi). Successful completion of this module will enable teachers to effectively communicate – verbally and non-verbally - in a multilingual classroom.

Conversational Competence: Setswana 100 (CCW 100)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in English and Setswana
Department	African Languages
Period of presentation	Semester 1

Module content

To endow prospective teachers, who have no knowledge of an African language, with a basic conversational competence in Setswana. Successful completion of this module will enable teachers to effectively communicate – verbally and non-verbally - in a multilingual classroom.

Conversational Competence: IsiZulu 100 (CCZ 100)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in English and isiZulu
Department	African Languages
Period of presentation	Semester 1

Module content

To endow prospective teachers, who have no knowledge of an African language, with a basic conversational competence in IsiZulu. Successful completion of this module will enable teachers to effectively communicate – verbally and non-verbally - in a multilingual classroom.

Basic economic and management sciences 181 (JLE 181)

Module credits	12.00
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Module is presented in English
Department	Education Management and Policy Studies
Period of presentation	Semester 2

Module content

The module entails a thorough overview of the learning content with specific focus on practical application as prescribed by the CAPS and the National Curriculum Statement documents. Emphasis is placed on reaching the prescribed learning outcomes with regard to the history of money; needs and wants; inequality and poverty; savings, budgets, income and expenses; accounting concept; and the entrepreneur and starting a business. Practical application through an entrepreneur's day is included.

Professional studies 121 (JPS 121)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 2

Module content

This module guides the student to develop teaching skills, plan learning activities, and design learning and teaching materials that are suitable for the South African educational context.

Fundamental mathematical concepts 181 (JWI 181)

Module credits	6.00
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Science Mathematics and Technology Education
Period of presentation	Semester 1

Module content

The module will include an overview of mathematics as the science of pattern and order and what it means to do mathematics in the Intermediate Phase. It will also highlight basic concepts that are useful in everyday life with specific reference to problem solving in everyday contexts. The four operations will be discussed against the background of the number system with particular emphasis on fractions, percentages, data handling and proportionality as well as the basics of financial mathematics.

Education 112 (OPV 112)

Module credits	12.00
Service modules	Faculty of Humanities
Prerequisites	No prerequisites.
Contact time	3 lectures per week
Language of tuition	Separate classes for Afrikaans and English

Department	Humanities Education
Period of presentation	Semester 1

Module content

In this module students are guided to develop knowledge, skills and attitudes with regard to the political, professional, historical and cultural complexities of teaching. Selected themes in the history of South African education will be explored to enable students to think critically about their role as engaged professional educators today.

Education 122 (OPV 122)

Module credits	12.00
Service modules	Faculty of Humanities
Prerequisites	No prerequisites.
Contact time	3 lectures per week
Language of tuition	Separate classes for Afrikaans and English
Department	Educational Psychology
Period of presentation	Semester 2

Module content

This module focuses on child development and learning. In addition to the underlying principles of developmental psychology and theories of development, child development is discussed in terms of physical growth and motor development; development of perception, cognition and language; emotional development; social development and moral development. Developmental psychopathology is also introduced. In terms of child learning, the principles of learning, theories of learning and barriers to learning are discussed. In addition, school learning is explained in terms of learning, reading and study skills.

Elective modules

Afrikaans 110 (AFR 110)

Module credits	12.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Economic and Management Sciences Faculty of Law Faculty of Health Sciences
Prerequisites	No prerequisites.
Contact time	2 discussion classes per week, 2 lectures per week
Language of tuition	Module is presented in Afrikaans
Department	Afrikaans
Period of presentation	Semester 1

Module content
Taalkundekomponent: Inleiding tot die Afrikaanse taalkunde met klem op lees-en skryfvaardigheid.
Letterkundekomponent: Inleiding tot die Afrikaanse en Nederlandse letterkunde aan die hand van kortverhale en gedigte.

Afrikaans 120 (AFR 120)

Module credits	12.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Economic and Management Sciences Faculty of Law Faculty of Health Sciences
Prerequisites	No prerequisites.
Contact time	2 discussion classes per week, 2 lectures per week
Language of tuition	Module is presented in Afrikaans
Department	Afrikaans
Period of presentation	Semester 2

Module content

Taalkundekomponent: Inleiding tot die Afrikaanse sintaksis, fonetiek en taalgeskiedenis.
Letterkundekomponent:Inleiding tot die Romankuns Inleiding tot die Drama

African languages literature: Capita selecta 121 (AFT 121)

Module credits	12.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education
Prerequisites	NDE 110/SEP 111/ZUL 111/STW 111
Contact time	2 lectures per week
Language of tuition	Module presented in English and African Language
Department	African Languages
Period of presentation	Semester 2

Module content

Aspects of the literature of isiNdebele/isiZulu/Sepedi/Setswana such as an introduction to literary concepts such as literary text(s), topic, characters, events, time and place; the analysis of selected short stories.

English 110 (ENG 110)

Module credits	12.00

Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Economic and Management Sciences Faculty of Law Faculty of Health Sciences
Prerequisites	No prerequisites.
Contact time	1 discussion class per week, 2 lectures per week, 2 web-based periods per week
Language of tuition	Module is presented in English
Department	English
Period of presentation	Semester 1

Module content

*Alternative evening classes - 2 discussion classes per week Introduction to Literature in English (1) This module introduces the study of literature by examining a number of texts representing different genres (poetry, prose, drama). The texts studied here will be mainly from the pre-twentieth century era and may include texts written in English from both Africa and other parts of the world. The aim of this module is to equip students with the critical and analytical skills required for a perceptive reading of poetry, novels and plays.

English 120 (ENG 120)

Module credits	12.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Economic and Management Sciences Faculty of Law Faculty of Health Sciences
Prerequisites	No prerequisites.
Contact time	1 discussion class per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	English
Period of presentation	Semester 2

Module content

*Alternative evening classes: 2 discussion classes per week
Introduction to Literature in English (2)
This module introduces the study of post-nineteenth century literature by examining a number of texts representing different genres (poetry, drama, prose). Texts will be from both Africa and other parts of the world. By the end of this module students should have the background and analytical skills to perceptively read modern and contemporary poetry, novels and plays.

Introduction to environmental sciences 101 (ENV 101)

Module credits	8.00

Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Humanities
Prerequisites	No prerequisites.
Contact time	1 practical per week, 3 lectures per week
Language of tuition	Module is presented in English
Department	Geography Geoinformatics and Meteorology
Period of presentation	Quarter 1

Module content

Introducing the basic concepts and interrelationships required to understand the complexity of natural environmental problems, covering an introduction to environmental science and biogeography; including a first introduction to SDGs and Aichi targets.

History 110 (GES 110)

Module credits	12.00
Service modules	Faculty of Education Faculty of Law Faculty of Health Sciences
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Historical and Heritage Studies
Period of presentation	Semester 1

Module content

The making of the Modern World: a survey
A selection of themes on Asia, Africa, the Americas and Europe and their contribution to the making of the Modern World.

History 120 (GES 120)

Module credits	12.00
Service modules	Faculty of Education Faculty of Law Faculty of Health Sciences
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Historical and Heritage Studies
Period of presentation	Semester 2

Module content

Africa and South Africa: a survey
An overview focusing on the making of African and South African societies from the earliest times to the present with emphasis on the most significant historical forces, factors and events.

Aspects of human geography 156 (GGY 156)

Module credits	8.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Humanities Faculty of Health Sciences
Prerequisites	No prerequisites.
Contact time	1 tutorial per week, 3 lectures per week
Language of tuition	Module is presented in English
Department	Geography Geoinformatics and Meteorology
Period of presentation	Quarter 2

Module content

This module begins by fostering an understanding of human geography. Then follows with the political ordering of space; cultural diversity as well as ethnic geography globally and locally; population geography of the world and South Africa: and four economic levels of development. The purpose is to place South Africa in a world setting and to understand the future of the country.

Southern African geomorphology 166 (GGY 166)

Module credits	8.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Humanities Faculty of Health Sciences
Prerequisites	No prerequisites.
Contact time	1 tutorial per week, 3 lectures per week
Language of tuition	Module is presented in English
Department	Geography Geoinformatics and Meteorology
Period of presentation	Quarter 3

Module content

Investigating southern African landscapes and placing them in a theoretical and global context. The geomorphological evolution of southern Africa. Introduction to the concepts of Geomorphology and its relationships with other physical sciences (e.g. meteorology, climatology, geology, hydrology and biology). The processes and controls of landform and landscape evolution. Tutorial exercises cover basic techniques of geomorphological analysis, and topical issues in Geomorphology.

Art education 100 (JKG 100)

Module credits	6.00
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Year

Module content

This module provides students with an overview of historical and contemporary art movements. Important artists and artworks of this period are emphasized and discussed in context. History of art education within the school context is explored with emphasis on Western art movements and styles.

Art education 101 (JKU 101)

Module credits	18.00
Contact time	2 practicals per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Year

Module content

This module focuses on examining various methods and techniques for stimulating creativity in the classroom, by introducing fundamental art elements and principles, techniques and use of media. This module includes the exploration of concepts of visual literacy, the development of understanding and application thereof by the student in creative ways through experimentation with traditional art media.

Life orientation 110 (JLO 110)

Module credits	12.00
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 1

Module content

The main focus of this module is on personal development and therefore the question: “Who am I?” is posed. The content is designed to focus on the student as individual and on the various factors that influence individual development. Students are guided to develop relevant knowledge, intrapersonal skills and attitudes to display resilient behaviour.

Life orientation 120 (JLO 120)

Module credits	12.00
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 2

Module content

This module also focuses on personal development, but with the emphasis on the question: " How is my interaction with other people?" Knowledge and application of interpersonal skills such as conflict management,emotional intelligence and assertiveness will be dealt with.

Human movement studies and sport management 112 (JMB 112)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 1

Module content

The purposes of physical activities as well as theories and philosophies of movement are studied. In addition, the coaching of young athletes and the challenges facing the teacher as coach receive attention. The importance of planning as the first phase of sports management is emphasised.

Human movement studies and sport management 113 (JMB 113)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	2 practicals per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 1

Module content

In this module the student is required to master and apply basic swimming and life-saving techniques. Attention is also paid to motor skill development and games in the school context.

Human movement studies and sport management 122 (JMB 122)

Module credits	6.00
Prerequisites	No prerequisites.

Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 2

Module content

In this module students are introduced to the structure and functions of systems in the human body. The skeletal system and the muscular system receive primary attention. Additionally, students acquire knowledge and skills in management – particularly organizational skills in the sports context.

Human movement studies and sport management 123 (JMB 123)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	2 practicals per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 2

Module content

Skills and methods for hockey and mini hockey are taught and applied. In athletics the acquisition of skills in various track events receive attention.

Music education 101 (JMO 101)

Module credits	16.00
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Year

Module content

To offer students an opportunity to develop their existing music theoretical knowledge to provide them with the requirements needed for the music modules in the following years.

Music education 102 (JMO 102)

Module credits	8.00
Contact time	2 practicals per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Year

Module content

To offer students musical skills and development with the focus on instrumental and vocal progress. Accompaniment and the performance of concert compositions are included.

Music education 181 (JMO 181)

Module credits	16.00
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Year

Module content

To equip students to specialize in music theory and who have no, or limited previous music training. It is a music course with elementary music theory knowledge.

Music education 182 (JMO 182)

Module credits	8.00
Contact time	2 practicals per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Year

Module content

To equip students to specialize in practical music skills and who have no, or limited previous music training. It is a music course with elementary practical music skills and fundamental knowledge.

Natural science 115 (JWT 115)

Module credits	8.00
Prerequisites	3 (40-49%) in both Physical Science and Mathematics in Grade 12.
Contact time	2 practicals per week, 4 lectures per week
Language of tuition	Module is presented in English
Department	Science Mathematics and Technology Education
Period of presentation	Semester 1

Module content

Atoms; nuclei; elements; compounds; chemical bonds; intermolecular forces, chemical reactions; oxidation and reduction; acids and bases; organic chemistry.

Natural science 125 (JWT 125)

Module credits	8.00

Prerequisites	3 (40-49%) in both Physical Science and Mathematics in Grade 12.
Contact time	2 practicals per week, 4 lectures per week
Language of tuition	Module is presented in English
Department	Science Mathematics and Technology Education
Period of presentation	Semester 2

Module content

Motion; Newton's laws; momentum; energy; gravity; heat; gases, liquids, electricity, magnetism; waves, sound and light.

Introduction to isiNdebele Grammar – Capita selecta 110 (NDE 110)

Module credits	12.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in IsiNdebele
Department	African Languages
Period of presentation	Semester 1

Module content

For speakers of isiNdebele as home language or first or second additional language.
Aspects of the grammar of isiNdebele such as an introduction to the word categories; an introduction to the structure, meaning and use of the noun, the adjective, the relative, the possessive; the verb; writing and spelling rules; dictionaries and dictionary use; grammatical analysis.

Sepedi for beginners 110 (SEP 110)

Module credits	12.00
Service modules	Faculty of Education Faculty of Health Sciences
Prerequisites	No prerequisites.
Contact time	1 discussion class per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	African Languages
Period of presentation	Semester 1 and Semester 2

Module content

*For absolute beginners only.
*Only students from the School of Healthcare Sciences and Speech-Language Pathology and Audiology may take this module during semester 2. All other students must take this module during semester 1. Also note that students from the School of Healthcare Sciences, who already possess the language skills taught in this module, may write an exemption examination.
The acquisition of basic Sepedi communicative skills with emphasis on everyday expressions and suitable high frequency vocabulary, within specific social situations.

Introduction to Sepedi grammar - Capita Selecta 111 (SEP 111)

Module credits	12.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in Sepedi
Department	African Languages
Period of presentation	Semester 1

Module content

*For speakers of Sepedi as home language or first or second additional language.
Aspects of the grammar of Sepedi such as an introduction to the word categories; an introduction to the structure, meaning and use of the noun, the adjective, the relative, the possessive; the verb; writing and spelling rules; dictionaries and dictionary use; grammatical analysis.

Sepedi 120 (SEP 120)

Module credits	12.00
Service modules	Faculty of Education
Prerequisites	SEP 110
Contact time	1 discussion class per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	African Languages
Period of presentation	Semester 2

Module content

Sepedi - communication and grammar
The acquisition of more advanced communication skills in further social situations. More extensive vocabulary and more advanced language structures are acquired and used. Further awareness of the nature and function of language structures. Writing and spelling rules. Dictionaries and dictionary use. Reading and comprehension of basic texts.

Setswana for beginners 110 (STW 110)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	1 discussion class per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	African Languages
Period of presentation	Semester 1

Module content

* For absolute beginners only.

The acquisition of basic Setswana communicative skills with emphasis on everyday expressions and suitable high frequency vocabulary within specific social situations.

Introduction to Setswana grammar – capita selecta 111 (STW 111)

Module credits	12.00
Contact time	2 lectures per week
Language of tuition	Module is presented in Setswana
Department	African Languages
Period of presentation	Semester 1

Module content

*For speakers of Setswana as home language or first or second additional language. Aspects of the grammar of Setswana such as an introduction to the word categories; an introduction to the structure, meaning and use of the noun, the adjective, the relative, the possessive; the verb; writing and spelling rules; dictionaries and dictionary use; grammatical analysis.

Setswana 120 (STW 120)

Module credits	12.00
Prerequisites	STW 110
Contact time	1 discussion class per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	African Languages
Period of presentation	Semester 2

Module content

Setswana – communication and grammar
The acquisition of more advanced communication skills in further social situations. More extensive vocabulary and more advanced language structures are acquired and used. Further awareness of the nature and function of language structures. Writing and spelling rules. Dictionaries and dictionary use. Reading and comprehension of basic texts.

Precalculus 133 (WTW 133)

Module credits	8.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Economic and Management Sciences
Prerequisites	BSc Extended programme - Mathematical Sciences: 60% for Mathematics in Grade 12 Other BSc Extended programmes: 50% for Mathematics Grade 12 BCom Extended programme: 40% for Mathematics in Grade 12 BEd programmes: 50% for Mathematics Grade 12
Contact time	1 practical per week, 1 tutorial per week, 3 lectures per week, Foundation Course
Language of tuition	Module is presented in English
Department	Mathematics and Applied Mathematics
Period of presentation	Semester 1

Module content

Real numbers, elementary set notation, exponents and radicals. Algebraic expressions, fractional expressions, linear and quadratic equations, inequalities. Coordinate geometry: lines, circles. Functions: definition, notation, piecewise defined functions, domain and range, graphs, transformations of functions, symmetry, even and odd functions, combining functions, one-to-one functions and inverses, polynomial functions and zeros. Sequences, summation notation, arithmetic, geometric sequences, infinite geometric series, annuities and instalments. Degrees and radians, unit circle, trigonometric functions, fundamental identities, trigonometric graphs, trigonometric identities, double-angle, half-angle formulae, trigonometric equations, applications.

This module is offered at the Mamelodi Campus to students from the BSc and BCom Extended programmes. At the Groenkloof Campus it is offered to BEd students.

Calculus 143 (WTW 143)

Module credits	8.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education Faculty of Economic and Management Sciences
Prerequisites	BSc Extended programme and BEd programmes: WTW 133 BCom Extended programme: Students with WST 133 concurrently with WTW 143: WTW 133. Students with STK 133 concurrently with WTW 143: at least 65% for WTW 133.
Contact time	1 tutorial per week, 3 lectures per week, Foundation Course
Language of tuition	Module is presented in English

Department	Mathematics and Applied Mathematics
Period of presentation	Semester 2

Module content

Functions: exponential and logarithmic functions, natural exponential and logarithmic functions, exponential and logarithmic laws, exponential and logarithmic equations, compound interest. Limits: concept of a limit, finding limits numerically and graphically, finding limits algebraically, limit laws without proofs, squeeze theorem without proof, one-sided limits, infinite limits, limits at infinity, vertical, horizontal and slant asymptotes, substitution rule, continuity, laws for continuity without proofs. Differentiation: average and instantaneous change, definition of derivative, differentiation rules without proofs, derivatives of polynomials, chain rule for differentiation, derivatives of trigonometric, exponential and logarithmic functions, applications of differentiation: extreme values, critical numbers, monotone functions, first derivative test, optimisation.

isiZulu for beginners 110 (ZUL 110)

Module credits	12.00
Service modules	Faculty of Education Faculty of Health Sciences
Prerequisites	No prerequisites.
Contact time	1 discussion class per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	African Languages
Period of presentation	Semester 1 and Semester 2

Module content

*For absolute beginners only
*Only students from the School of Healthcare Sciences and Speech-Language Pathology and Audiology may take this module during semester 2. All other students must take this module during semester 1. Students from the School of Healthcare Sciences, who already possess the language skills taught in this module, may write an exemption examination.
The acquisition of basic isiZulu communicative skills with emphasis on everyday expressions and suitable high frequency vocabulary, within specific situations.

Introduction to isiZulu grammar – Capita selecta 111 (ZUL 111)

Module credits	12.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in isiZulu
Department	African Languages
Period of presentation	Semester 1

Module content

*For speakers of isiZulu as home language or first or second additional language.
Aspects of the grammar of isiZulu such as an introduction to the word categories; an introduction to the structure, meaning and use of the noun, the adjective, the relative, the possessive; the verb; writing and spelling rules; dictionaries and dictionary use; grammatical analysis.

isiZulu 120 (ZUL 120)

Module credits	12.00
Service modules	Faculty of Education
Prerequisites	ZUL 110
Contact time	1 discussion class per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	African Languages
Period of presentation	Semester 2

Module content

isiZulu - communication and grammar
The acquisition of more advanced communication skills in further social situations. More extensive vocabulary and more advanced language structures are acquired and used. Further awareness of the nature and function of language structures. Writing and spelling rules. Dictionaries and dictionary use. Reading and comprehension of basic texts

Curriculum: Year 2

Minimum credits: 170

Elective Modules
Students continue with one of the following African Languages as selected on first-year level:

- **IsiZulu** - ZUL 210, 220 for beginners or ZUL 211, AFT 220 for speakers of IsiZulu as a home or first or second additional language
- **Sepedi** - SEP 210, 220 for beginners or SEP 211, AFT 220 for speakers of Sepedi as home or first or second additional language
- **Setswana** - STW 210, 220 for beginners or STW 211, AFT 220 for speakers of Setswana as a home or first or second additional language
- **IsiNdebele** - NDE 210, AFT 221 (only available to speakers of isiNdebele as home language or first or second additional language)

Core modules

Learning support 221 (JLD 221)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	4 lectures per week
Language of tuition	Module is presented in English
Department	Early Childhood Education
Period of presentation	Semester 2

Module content

The purpose of this module is to equip student with knowledge on the holistic development of a child in an inclusive South African context. The module focuses on causes of learning difficulties, skills teachers need to support these learners, as well as ways to accomdate and differntiate the curriculum for the benefit of learners with diverse educational needs in the intermediate phase. The intrinsic, and extrinsic causes of barries to learning are examined and mulitidisciplinary approaches to intervention are introduced. The family as the primary educational institution, the parenting styles and child-rearing errors are acknowledged as factors that contribute to the devleopment and academic progress of the child.

Methodology of English first additional language 210 (JME 210)

Module credits	6.00
Contact time	1 lecture per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 1

Module content

This module aims to introduce students to the use of learning and teaching support materials, teaching and learning strategies as well as required assessment strategies and approaches for the teaching of English as a First Additional Language subject, in the Intermediate Phase. The module comprises a wide range of instructional activities dealing with listening to stories, reading, writing and spelling. It introduces students to CAPS and works through the four broad strands dealing with the methodologies of listening and speaking (Oral), reading, and viewing (using relevant vocabulary), writing and presenting (writing sentences and connecting words), and language structures and conventions.

Education 212 (OPV 212)

Module credits	20.00
Service modules	Faculty of Humanities
Prerequisites	OPV 112 or OPV 122 passed with 40% (GS) in the other module
Contact time	4 lectures per week
Language of tuition	Separate classes for Afrikaans and English
Department	Science Mathematics and Technology Education
Period of presentation	Semester 1

Module content

Curriculum in the classroom:
This module addresses four components that are directly related to classroom teaching and learning. The first unit deals with the foundations of the curriculum covering the work done by Rousseau, Pestalozzi, Montessori, Gandhi, Steiner, Dewey, Piaget, Vygotsky, Illich, Freire and Lakoff. Unit two discusses curriculum design and development and also focuses on the organisation of knowledge through educational taxonomies. The last two units cover teaching strategies as well as issues related to classroom testing and classroom assessment practices.

Education 222 (OPV 222)

Module credits	20.00
Service modules	Faculty of Humanities
Prerequisites	OPV 112 or OPV 122 passed with 40% (GS) in the other module
Contact time	4 lectures per week
Language of tuition	Separate classes for Afrikaans and English
Department	Educational Psychology
Period of presentation	Semester 2

Module content

Supportive learning environments:
Theoretical approaches to learning environments (bio-ecological and asset-based approaches, indigenous knowledge systems, solution-oriented intervention; appreciative inquiry); school-based support in terms of Inclusive Education, whole-school approach, the supportive role of the teacher and the well-being of the child; community-based support in the form of community engagement and community education.

Teaching practice 280 (PRO 280)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	3 weeks, attendance only
Language of tuition	Separate classes for Afrikaans and English
Department	Humanities Education
Period of presentation	Quarter 1

Module content

This is an official full time module where students experience the professional school environment during the first three weeks of the school year. The main focus is on observation of general classroom practice, school administration, extra - mural activities and to act as responsible citizens of the school environment and students have to prepare a professional portfolio. The module includes an observation assignment as well as a reflection on what they have experienced with the designated teachers. Placements for this module may be in schools outside Pretoria.

Elective modules

Afrikaans 214 (AFR 214)

Module credits	20.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education
Prerequisites	AFR 110 and AFR 120
Contact time	2 discussion classes per week, 2 lectures per week
Language of tuition	Module is presented in Afrikaans
Department	Afrikaans
Period of presentation	Semester 1

Module content

Taalkundekomponent: Morfologie, sintaksis, leksikologie en semantiek. *Letterkundekomponent*: Afrikaanse poësie

Afrikaans 220 (AFR 220)

Module credits	20.00

Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education
Prerequisites	AFR 110 and AFR 120
Contact time	2 discussion classes per week, 2 lectures per week
Language of tuition	Module is presented in Afrikaans
Department	Afrikaans
Period of presentation	Semester 2

Module content

Afrikaanse prosa
Literatuurteorie en -kritiek

African languages literature: Capita selecta 220 (AFT 220)

Module credits	20.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education
Prerequisites	NDE 210/SEP 211/ZUL 211/STW 211
Contact time	2 lectures per week
Language of tuition	Module presented in English and African Language
Department	African Languages
Period of presentation	Semester 2

Module content

Aspects of the literature of isiNdebele/isiZulu/Sepedi/Setswana such as the continuation of the study of concepts such as text, topic, characters, events, time and place; the study of plot and style; the critical analysis of a novel/novelette.

Modern English literature and English studies 210 (ENG 210)

Module credits	20.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education
Prerequisites	ENG 110, ENG 120
Contact time	2 discussion classes per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	English
Period of presentation	Semester 1

Module content

*Alternative evening classes - 3 discussion classes per week
Modern English literature and English language studies
This module focuses on post-nineteenth century literature in English as well as on historical and theoretical aspects of the English language.

English 220 (ENG 220)

Module credits	20.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education
Prerequisites	ENG 110, ENG 120
Contact time	2 discussion classes per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	English
Period of presentation	Semester 2

Module content

*Alternative evening classes - 3 discussion classes per week
Twentieth-century, postcolonial and contemporary literature
This module focuses on post-nineteenth century literature in English. Various genres are covered and particular attention is given to postcolonial writing.

Aspects of African history 210 (GES 210)

Module credits	20.00
Service modules	Faculty of Education
Prerequisites	GES 120
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Historical and Heritage Studies
Period of presentation	Semester 1

Module content

A selection of themes on the history of Africa and its people in the recent past that shaped the African historical experience.

The shaping of a modern South Africa 220 (GES 220)

Module credits	20.00
Service modules	Faculty of Education
Prerequisites	GES 110, GES 120
Contact time	2 lectures per week

Language of tuition	Module is presented in English
Department	Historical and Heritage Studies
Period of presentation	Semester 2

Module content

The development of South Africa through segregation and apartheid to democracy.

Process geomorphology 252 (GGY 252)

Module credits	12.00
Service modules	Faculty of Education Faculty of Humanities
Prerequisites	GGY 166 or GLY 155
Contact time	2 practicals per week, 4 lectures per week
Language of tuition	Module is presented in English
Department	Geography Geoinformatics and Meteorology
Period of presentation	Quarter 2

Module content

Physical processes that influence the earth’s surface and management. Specific processes and their interaction in themes such as weathering; soil erosion; slope, mass movement and periglacial processes. Practical laboratory exercises and assignments are based on the themes covered in the module theory component.

Geographic information systems introduction 221 (GIS 221)

Module credits	12.00
Prerequisites	Prohibited combination GGY 283
Contact time	1 practical per week, 2 lectures per week
Language of tuition	Module is presented in English
Department	Geography Geoinformatics and Meteorology
Period of presentation	Semester 2

Module content

*GIS 221 does not lead to admission to any module at 300 level.
Introduction to Geographic Information Systems (GIS), theoretical concepts and applications of GIS. The focus will be on the GIS process of data input, data analysis, data output and associated technologies.This module teaches students to use GIS as a tool. Examples used throughout the course are drawn from South African case studies.

Statistics for teachers 220 (JGI 220)

Module credits	13.00
Prerequisites	WTW 133 and WTW 143

Contact time	1 practical per week, 1 tutorial per week, 3 lectures per week
Language of tuition	Module is presented in English
Department	Statistics
Period of presentation	Semester 2

Module content

Descriptive statistics:
Sampling and the collection of data in the educational environment; frequency distributions and graphical representations. Descriptive measures of location and dispersion.
Probability and inference:
Introductory probability theory and theoretical distributions. Sampling distributions. Estimation theory and hypothesis testing of sampling averages and proportions (one and two-sample cases). Identification, use, evaluation and interpretation of statistical computer packages and statistical techniques.

Geometry for teachers 210 (JGT 210)

Module credits	12.00
Prerequisites	WTW 133 and WTW 143
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Module is presented in English
Department	Science Mathematics and Technology Education
Period of presentation	Semester 1

Module content

Space, shapes, size and measurement. Geometric thinking and reasoning. Euclidean geometry: a synthetic and analytical approach.

Art education 200 (JKG 200)

Module credits	12.00
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Year

Module content

History of art education as stipulated in the Curriculum and Assessment Policy Statement (CAPS) is explored. Emphasis is placed on European and South African art movements. Important artists and artworks of these periods are emphasized and discussed in context. Evaluations and discussions of art exhibitions will take place, as well as the interpretation and analysis of artwork.

Art education 201 (JKU 201)

Module credits	20.00

Contact time	4 practicals per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Year

Module content

This module allows students to discover their own creative ideas and thoughts by means of various art media, techniques and processes. There is emphasis on theoretical and practical components such as art appreciation, principles and elements of art, art programmes and the critical evaluation of the creative process. A deeper analysis, interpretation and application of structure, form, composition, texture, spatial relations and colour manipulation are explored.

Life orientation 210 (JLO 210)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 1

Module content

The human being in context: social and community life. Life orientation educator. Social skills.

Life orientation 220 (JLO 220)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 2

Module content

The human being in the world. Diversity, values and principles. Issues concerning discrimination, race, religion, culture, sexuality, age, abilities. Contemporary issues concerning classrooms, individual and systemic perspectives. Support for matters concerning HIV/Aids. Safe schools. Violence in schools. Crime. Emotional problems. Prevention of deviant social behaviour.

Methodology of Afrikaans 200 (JMA 200)

Module credits	6.00
Prerequisites	No prerequisites.

Contact time	1 lecture per week
Language of tuition	Module is presented in Afrikaans
Department	Humanities Education
Period of presentation	Year

Module content

* This module is only presented in Afrikaans.

'n Deeglike inleidende oorsig oor die beginsels en praktyk van Afrikaansonderrig. Generiese leerinhoude ten opsigte van taalverwerwing word verbesonder deur die praktiese toepassing soos voorgeskryf deur die Nasionale Kurrikulumverklaringsdokumente. Studente behoort aan die einde van die module tersaaklike tekste te kan gebruik om voorbeeldlesse uit te werk.

Human movement studies and sport management 212 (JMB 212)

Module credits	10.00
Prerequisites	JMB 112 and JMB 122
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 1

Module content

Recreational studies - demarcation and terminology. The importance and development of values for spending free time in a meaningful way in modern society. The importance of leading as a management function in Sport Management is emphasized. Special reference is made to communication, leadership and motivation.

Human movement studies and sport management 213 (JMB 213)

Module credits	10.00
Prerequisites	JMB 113 and JMB 123
Contact time	2 practicals per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 1

Module content

Water activities - mastering and practical execution of some swimming styles as well as life-saving skills. Motor skills - mastering of practical skills for the development of gymnastics, with and without adaptation of large apparatus.

Human movement studies and sport management 222 (JMB 222)

Module credits	10.00

Prerequisites	JMB 112 and JMB 122
Contact time	2 lectures per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 2

Module content

Sport injuries and posture deviations - demarcation and terminology. General principles for prevention and treatment of sport injuries. Posture development and the influence of proper habits in the development of a good posture. Identification and pathology of specific deviations. A theoretical and practical perspective on control as the final phase of the management process in sport to ensure the success of the management process is emphasised.

Human movement studies and sport management 223 (JMB 223)

Module credits	10.00
Prerequisites	JMB 113 and JMB123
Contact time	2 practicals per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 2

Module content

Ladies - dance: mastering of practical skills for dance design and creative dancing.
Men - soccer: mastering of basic skills and techniques of soccer .
Athletics: field events.

Methodology of English 200 (JME 200)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Year

Module content

This module introduces the principles and practice of teaching and learning English as a home or an additional language. A theoretical underpinning strengthens students' understanding of language development. Students are also guided in the theory of instructional design as they practise planning, designing and presenting optimal learning opportunities. Students are familiarised with the principles contained in the NCS and CAPS.

Methodology of Geography 200 (JMG 200)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Year

Module content

An intensive study of the 2012 Curriculum and Assessment Policy (CAPS) relating to the teaching of Geography to learners in the FET-, Senior- and Intermediate Learning Phases. The following aspects are addressed: The long-, medium- and short term planning of learning activities, the design of sensible learning activities, assessment, the effective use of teaching media as well as the preparation and presentation of mini lessons with a duration of 18 minutes.

Methodology of History 200 (JMH 200)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Year

Module content

This module aims to apply the NCS and CAPS documents in order for students to teach the subject History. Students synthesise and analyse the content in the History curriculum and are equipped to create new methods of teaching to enhance learning in this subject, as well as to conduct assessment in all its aspects as prescribed by the CAPS document for the relevant phases. Themes are, among others, trends in International and South African Historiography; authentic and alternative assessment; selected themes from the prescribed textbook; teaching strategies: worksheets, assignments, games and simulations; using newspapers in the classroom.

Methodology of Art education 201 (JMK 201)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Year

Module content
A thorough overview of the learning content with specific focus on practical application as prescribed by the National Curriculum Statement documents. Emphasis is placed on reaching the prescribed learning outcomes.

Methodology of Life Orientation and Physical Education 201 (JML 201)

Module credits	6.00
Contact time	1 lecture per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Year

Module content

To guide students to develop skills, knowledge and attitudes with specific reference to the National Curriculum and Policy Statement (CAPS) and Physical Education as a topic of Life Orientation. To equip the student teacher with the knowledge and skills to maintain themselves in managing, developing and organising Physical Education activities as prescribed for specific phases. The student teacher is trained further in the CAPS document relating to Life Orientation, and learns how to plan lessons based on this document.

Methodology of Music education 200 (JMM 200)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Year

Module content

A holistic approach to Music Education as part of the Learning area Creative Arts is followed where the integration of different art forms is incorporated. The focus in this module is on active involvement in music making (music activities) providing opportunities for learners to develop their music skills as well as music theoretical knowledge (music concepts). The school-based activities offer opportunities for practical experience.

Music education 201 (JMO 201)

Module credits	8.00
Contact time	1 lecture per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Year

Module content

To build on the knowledge of music theory obtained in the previous year to provide them with the requirements needed for the music modules in the following years.

Music education 202 (JMO 202)

Module credits	8.00
Contact time	1 lecture per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Year

Module content

This module offers further development of technical aspects and musical development with the focus on instrumental and vocal progress. Accompaniment and the performance of concert compositions are included.

Music education 203 (JMO 203)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	2 practicals per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Year

Module content

To equip students with the necessary knowledge, skills, values and attitudes needed to apply the principles of Music Education in practice and to develop and enhance the inherent musicality of all learners. A holistic approach to Music Education is followed, based on the Curriculum and assessment policy statement (CAPS) and its application to Music Education within the Creative Arts. The focus in this module is on active involvement in music making (music activities) including instrumental accompaniment. Opportunities are provided to develop students' music skills as well as music theoretical knowledge (music concepts).

Music education 204 (JMO 204)

Module credits	12.00
Contact time	2 practicals per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Year

Module content

To equip students with a general overview on music history, style periods and tone colour. The contents include the tone colour of various music instruments and the characteristics of music style periods (Western Art Music, Indigenous African Music, and popular music styles).

Methodology of Mathematics 204 (JMW 204)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week
Language of tuition	Module is presented in English
Department	Science Mathematics and Technology Education
Period of presentation	Year

Module content

A thorough overview of the learning content with specific focus on practical application as prescribed by the National Curriculum Statement documents. Emphasis is placed on reaching the prescribed learning outcomes.

Methodology of IsiNdebele 200 (JND 200)

Module credits	6.00
Contact time	1 lecture per week
Language of tuition	Module is presented in IsiNdebele
Department	Humanities Education
Period of presentation	Year

Module content

This module aims to develop students' skills which will enable learners to communicate in isiNdebele as effectively as possible on a more academic level. The module offers a thorough overview of the learning content with specific focus on practical application as prescribed by the National Curriculum Statement Documents.

Design and technology 240 (JOT 240)

Module credits	12.00
Prerequisites	JWT 115 or JWT 125
Contact time	1 practical per week, 4 lectures per week
Language of tuition	Module is presented in English
Department	Science Mathematics and Technology Education
Period of presentation	Semester 2

Module content

This module develops an understanding of the interrelationship between technology, science, society and the environment. It will lead students to understanding the unique character of the design process. Two knowledge strands, namely structures and systems and control will be addressed.

Methodology of Sepedi 200 (JSP 200)

Module credits	6.00
Contact time	1 lecture per week
Language of tuition	Module is presented in Sepedi
Department	Humanities Education
Period of presentation	Year

Module content

This module aims to develop students' skills which will enable learners to communicate as effectively as possible on a more academic level in Sepedi. Students learn to compare and contrast approaches to learning and teaching; identify and differentiate concepts used in OBE, NCS and CAPS; implement OBE by planning and preparing lessons using NCS and CAPS learning and teaching methodologies and techniques in an integrative manner; and assessing using NCS and CAPS assessment methods, tools and techniques.

Methodology of Setswana 200 (JSW 200)

Module credits	6.00
Contact time	1 lecture per week
Language of tuition	Module is presented in Setswana
Department	Humanities Education
Period of presentation	Year

Module content

This module aims to develop students' skills which will enable school learners to communicate as effectively as possible on a more academic level in Setswana. Students learn to compare and contrast approaches to learning and teaching; identify and differentiate concepts used in OBE, NCS and CAPS; implement OBE by planning and preparing lessons using NCS and CAPS learning and teaching methodologies and techniques in an integrative manner; and assessing using NCS and CAPS assessment methods, tools and techniques.

Natural science 230 (JWT 230)

Module credits	12.00
Prerequisites	JWT 115, JWT 125
Contact time	2 practicals per week, 4 lectures per week
Language of tuition	Module is presented in English
Department	Science Mathematics and Technology Education
Period of presentation	Semester 1

Module content

Plate tectonics, rocks , minerals, the earth’s surface and oceans, the atmosphere, weather, climate, motions of the earth, the solar system, stars, galaxies and the universe.

Methodology of isiZulu 200 (JZL 200)

Module credits	6.00
Contact time	2 lectures per week
Language of tuition	Module is presented in isiZulu
Department	Humanities Education
Period of presentation	Year

Module content

This module aims to develop students' skills which will enable learners to communicate as effectively as possible on a more academic level in isiZulu. Students learn to compare and contrast approaches to learning and teaching; identify and differentiate concepts used in OBE, NCS and CAPS; implement OBE by planning and preparing lessons using CAPS learning and teaching methodologies and techniques in an integrative manner; and assessing using CAPS assessment methods, tools and techniques.

isiNdebele 210 (NDE 210)

Module credits	20.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education
Prerequisites	AFT 121 and NDE 110
Contact time	2 lectures per week
Language of tuition	Module is presented in IsiNdebele
Department	African Languages
Period of presentation	Semester 1

Module content

Aspects of the grammar of isiNdebele such as a continuation of the study of the word categories; grammatical analysis; the structure, meaning and use of the pronoun and the enumerative; an introduction to isiNdebele speech sounds/phonetics.

Sepedi 210 (SEP 210)

Module credits	20.00
Service modules	Faculty of Education
Prerequisites	SEP 110, SEP 120
Contact time	1 discussion class per week, 2 lectures per week
Language of tuition	Module is presented in English and Sepedi
Department	African Languages

Period of presentation	Semester 1

Module content

Sepedi - communication and grammar
The acquisition of advanced communication skills in further social, occupational and educational situations. More extensive vocabulary and advanced language structures are acquired and used. Heightened awareness of the nature and function of language structures.
Sepedi - reading and writing
Writing of coherent, idiomatic and grammatically correct texts in order to impart ideas and information for a selected range of communicative purposes. Writing entails creative writing as well as reduplication. Reading and comprehension of texts which contain reasonably extensive vocabularies and a relatively large variation of language structures. Commence with the reading of fairly simple literary works. Students are also further trained in the use of the dictionary.

Sepedi grammar – Capita selecta 211 (SEP 211)

Module credits	20.00
Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education
Prerequisites	SEP 111, AFT 121
Contact time	2 lectures per week
Language of tuition	Module is presented in Sepedi
Department	African Languages
Period of presentation	Semester 1

Module content

Aspects of the grammar of Sepedi such as a continuation of the study of the word categories; grammatical analysis; the structure, meaning and use of the pronoun and the enumerative; an introduction to Sepedi speech sounds/phonetics.

Sepedi 220 (SEP 220)

Module credits	20.00
Service modules	Faculty of Education
Prerequisites	SEP 210
Contact time	1 discussion class per week, 2 lectures per week
Language of tuition	Module is presented in English and Sepedi
Department	African Languages
Period of presentation	Semester 2

Module content

Sepedi - communication, grammar, reading and writing
The further acquisition of advanced communication skills in further social, occupational and educational situations. More extensive vocabulary and advanced language structures are acquired and used. Heightened awareness of the nature and function of language structures. Continuation of the writing of coherent, idiomatic and grammatically correct texts in order to impart ideas and information for a range of communicative purposes. An introduction to Sepedi speech sounds / phonetics. Reading and comprehension of texts which contain more extensive vocabularies and a larger variation of language structures. Reading of further literary works.

Setswana 210 (STW 210)

Module credits	20.00
Prerequisites	STW 110, STW 120
Contact time	1 discussion class per week, 2 lectures per week
Language of tuition	Module is presented in English and Setswana
Department	African Languages
Period of presentation	Semester 1

Module content

Setswana – communication and grammar
The acquisition of advanced communication skills in further social, occupational and educational situations. More extensive vocabulary and advanced language structures are acquired and used. Heightened awareness of the nature and function of language structures.
Setswana – reading and writing
Writing of coherent, idiomatic and grammatically correct texts in order to impart ideas and information for a selected range of communicative purposes. Writing entails creative writing as well as reduplication. Reading and comprehension of texts which contain reasonably extensive vocabularies and a relatively large variation of language structures. Commence with the reading of fairly simple literary works. Students are also further trained in the use of the dictionary.

Setswana Grammar – Capita Selecta 211 (STW 211)

Module credits	20.00
Prerequisites	AFT 121, STW 111
Contact time	2 lectures per week
Language of tuition	Module is presented in Setswana
Department	African Languages
Period of presentation	Semester 1

Module content

Aspects of the grammar of Setswana such as a continuation of the study of the word categories; grammatical analysis; the structure, meaning and use of the pronoun and the enumerative; an introduction to Setswana speech sounds/phonetics.

Setswana 220 (STW 220)

Module credits	20.00
Prerequisites	STW 210
Contact time	1 discussion class per week, 2 lectures per week
Language of tuition	Module is presented in English and Setswana
Department	African Languages
Period of presentation	Semester 2

Module content

Setswana – communication, grammar, reading and writing
The further acquisition of advanced communication skills in further social, occupational and educational situations. More extensive vocabulary and advanced language structures are acquired and used. Heightened awareness of the nature and function of language structures. Continuation of the writing of coherent, idiomatic and grammatically correct texts in order to
impart ideas and information for a range of communicative purposes. An introduction to Setswana speech sounds/phonetics. Reading and comprehension of texts which contain more extensive vocabularies and a larger variation of language structures. Reading of further literary works.

isiZulu 210 (ZUL 210)

Module credits	20.00
Service modules	Faculty of Education
Prerequisites	ZUL 110, ZUL 120
Contact time	1 discussion class per week, 2 lectures per week
Language of tuition	Module is presented in English and isiZulu
Department	African Languages
Period of presentation	Semester 1

Module content

isiZulu - communication and grammar
The acquisition of advanced communication skills in further social, occupational and educational situations. More extensive vocabulary and advanced language structures are acquired and used. Heightened awareness of the nature and function of language structures.
isiZulu - reading and writing
Writing of coherent, idiomatic and grammatically correct texts in order to impart ideas and information for a selected range of communicative purposes. Writing entails creative writing as well as reduplication. Reading and comprehension of texts which contain reasonably extensive vocabularies and a relatively large variation of language structures. Commence with the reading of fairly simple literary works. Students are also further trained in the use of the dictionary.

IsiZulu grammar – Capita selecta 211 (ZUL 211)

Module credits	20.00

Service modules	Faculty of Engineering, Built Environment and Information Technology Faculty of Education
Prerequisites	ZUL 111, AFT 121
Contact time	2 lectures per week
Language of tuition	Module is presented in isiZulu
Department	African Languages
Period of presentation	Semester 1

Module content

Aspects of the grammar of isiZulu such as a continuation of the study of the word categories; grammatical analysis; the structure, meaning and use of the pronoun and the enumerative; an introduction to isiZulu speech sounds/phonetics.

isiZulu 220 (ZUL 220)

Module credits	20.00
Service modules	Faculty of Education
Prerequisites	ZUL 210
Contact time	1 discussion class per week, 2 lectures per week
Language of tuition	Module is presented in English and isiZulu
Department	African Languages
Period of presentation	Semester 2

Module content

isiZulu - communication, grammar, reading and writing
The further acquisition of advanced communication skills in further social, occupational and educational situations. More extensive vocabulary and advanced language structures are acquired and used. Heightened awareness of the nature and function of language structures. Continuation of the writing of coherent, idiomatic and grammatically correct texts in order to impart ideas and information for a range of communicative purposes. An introduction to isiZulu speech sounds/phonetics. Reading and comprehension of texts which contain more extensive vocabularies and a larger variation of language structures. Reading of further literary works.

Curriculum: Year 3

Minimum credits: 170

Core modules

Learning support 320 (JLD 320)

Module credits	6.00
Contact time	2 lectures per week
Language of tuition	Separate classes for Afrikaans and English
Department	Early Childhood Education
Period of presentation	Semester 2

Module content

The purpose of the module is to equip the student with the knowledge and skills needed to identify learners with learning difficulties in the classroom, assess these learners and plan intervention strategies to support them. We focus on the early identification of learning difficulties, diagnostic assessment to determine the underlying causes thereof, as well as intervention strategies in order to successfully address learning barriers in the Intermediate Phase. The student will learn how to adapt the curriculum for learners experiencing learning difficulties and how to support these learners in building a positive self-esteem by providing opportunities for learning success and in doing so enabling the learners to believe in their own abilities.

Methodology of E-learning 330 (JLT 330)

Module credits	12.00
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Science Mathematics and Technology Education
Period of presentation	Semester 1

Module content

Computer literacy, information literacy, integration literacy. The use of computers in computer labs vs. classroom instruction. Evaluating of software and web sites for educational use. Computer security: risks and safeguards. Ethics and the information age. Models of online learning. Catering for different learning styles. Project based learning. Computer based assessment.

Classroom literacies 300 (JLZ 300)

Module credits	12.00
Prerequisites	No prerequisites.
Contact time	2 lectures per week
Language of tuition	Separate classes for Afrikaans and English

Department	Humanities Education
Period of presentation	Year

Module content

This module aims to equip students with the necessary communicative and classroom literacies to succeed as a professional in the domain of teaching. Students will show evidence of understanding and being able to implement the theories and strategies underpinning spoken and written communication required within an education context. The development of a critical awareness of language as a non-neutral (biased) conveyor of meaning will also be fostered. An overview of the linguistic diversity encountered in most South African classrooms provides the prospective teacher with strategies for dealing more effectively with multilingualism in a culturally diverse pedagogical context. Students will also acquire instructional skills and a functional knowledge of Classroom English i.e. oral skills required for facilitating learning and classroom management.

Education 312 (OPV 312)

Module credits	30.00
Service modules	Faculty of Humanities
Prerequisites	OPV 112 or OPV 122 passed with 40% (GS) in the other module
Contact time	4 lectures per week
Language of tuition	Separate classes for Afrikaans and English
Department	Education Management and Policy Studies
Period of presentation	Semester 1

Module content

To gain insight into the global context of the classroom, learners and ideas taught, as well as into the local world and country in which the classroom, learners and school are situated. Diversity and social justice and their importance in the local and global context, as well as their importance for teaching and learning are explored. Through individual and group learning tasks, students come to understand the overlapping themes of globalisation; understanding the nation state and its place in the regional and global world; and the role of technology and the media in globalisation and education. Significant social, political, historical and economic factors influencing the classroom are also investigated. Students collect, organise and critically evaluate information; appreciate the value of diversity in various social contexts; apply problem solving skills to learning tasks; and communicate ideas effectively in group tasks.

Education 322 (OPV 322)

Module credits	30.00
Service modules	Faculty of Humanities
Prerequisites	OPV 112 or OPV 122 passed with a 40% (GS) in the other module
Contact time	4 lectures per week
Language of tuition	Separate classes for Afrikaans and English
Department	Education Management and Policy Studies
Period of presentation	Semester 2

Module content

The module deals with the understanding and application of the Bill of Rights in creating a safe and disciplined classrooms. The second theme deals with managing a classroom through relationship building, participative decision-making, effective planning and monitoring, motivation and communication.

Teaching practice 380 (PRO 380)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	3 weeks, attendance only
Language of tuition	Separate classes for Afrikaans and English
Department	Humanities Education
Period of presentation	Quarter 1

Module content

This is an official full time module where students engage in teaching within the professional school environment under the supervision of an experienced mentor teacher for a period of three weeks at the beginning of the school year. The main focus is on general classroom practice, school administration, extra - mural activities and to act as responsible citizens of the school environment. The students have to compile a professional portfolio and prepare and facilitate a prescribed number of lessons and these are formally assessed by the school. Placements for this module may be in schools outside Pretoria.

Elective modules

Afrikaans education 361 (JAF 361)

Module credits	12.00
Contact time	4 lectures per week
Language of tuition	Module is presented in Afrikaans
Department	School for Teachers Training
Period of presentation	Quarter 2

Module content

*This module is only presented in Afrikaans.

In hierdie module maak die student kennis met die teorie en praktyk van Afrikaans. Inhoude word verbesonder vir die eise van die onderwysprofessie. Die manifestasies van.die taalwetenskap, taalkwessies en taalvariëteite in die onderwys vorm die taalgedeelte van die module. Op letterkundige vlak bestudeer die student teorieë, werkswyses en tekste met betrekking tot Afrikaanse drama, prosa en poësie.

English education 361 (JEN 361)

Module credits	12.00

Contact time	4 lectures per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Quarter 2

Module content

This module serves as an advanced study of a selection of English dramas, novels and poetry, as dealt with in their elective, and endeavours to enhance the students' skills in the critical reading of a variety of literary genres. Students are required to display critical reading and academic writing skills in English in order to understand and appreciate the complexity and value of the selected genres. The teaching and learning will have as its focus the specific application of the selected literary genres to the teaching thereof. How to approach a play, novel or poem, and how to teach the relevant components in the various phases and grades will be dealt with.

Methodology of Afrikaans 300 (JMA 300)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 2 practicals per week
Language of tuition	Module is presented in Afrikaans
Department	Humanities Education
Period of presentation	Semester 1

Module content

* This module is only presented in Afrikaans.

Die module bemagtig die student om die verskillende taalvaardighede in al die onderrigfases te kan beplan, aanbied en assesseer. Hierdie module gaan in detail op die onderrig van elk van die taalvaardighede in. Studente behoort ook na afloop van hierdie studie-eenheid in staat te wees om die verskillende taalvaardighede te kan integreer met die spesifieke genres (bv. Poësie, Prosa, Drama en Taal).

Methodology of English 300 (JME 300)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 2 practicals per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Semester 2

Module content

This module follows progressively on JME 200 and pays in-depth attention to the practical aspects of teaching and assessing expressive and receptive communicative skills in accordance with national policy documents. A sound understanding of lesson planning based on constructive alignment is evidenced by a comprehensive portfolio.

Methodology of Geography 300 (JMG 300)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Humanities Education
Period of presentation	Semester 1

Module content

An in-depth study of the effective use of teaching media, the construction of models, the explanation and teaching of problematic theoretical and practical Geographic concepts, practical work, the implementation of GIS in the teaching of Geography, the design of sensible class and homework activities, assessment, the art of lesson presentation and the preparation and presentation of 18 minute duration mini-lessons.

Methodology of History 300 (JMH 300)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Humanities Education
Period of presentation	Semester 1

Module content

The module is aimed at equipping students to successfully present History as prescribed in the NCS and CAPS for History. Students will study the theoretical underpinning of historical writing, content of the syllabus and how to address it, as well as the requirements expected of learners qualifying for the FET-examinations in History. Students are expected to prepare teaching activities according to the requirements of the school syllabus to prepare them for their role as teachers of history. Students present lessons through micro-teaching and apply appropriate assessment and questioning; study the use of cartoons in questioning in this phase; apply cross-curriculation in lesson planning; set a Heritage assignment; plan and prepare for a History excursion and apply previously acquired communication skills in the teaching of History.

Methodology of Art education 301 (JMK 301)

Module credits	6.00

Prerequisites	No prerequisites.
Contact time	1 lecture per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Humanities Education
Period of presentation	Semester 1

Module content

The focus of this module is on a deeper theoretical and practical understanding and knowledge of the subject matter relating to the visual art discipline. Emphasis is placed on effectively collecting, analysing, organising and critically evaluating contemporary visual culture, as well as the creative process as stipulated by the Curriculum and Assessment Policy Statement (CAPS).

Methodology of Life Orientation and Physical Education 301 (JML 301)

Module credits	6.00
Contact time	1 lecture per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Humanities Education
Period of presentation	Semester 2

Module content

This module consists of theoretical as well as practical components. It strives to equip student teachers with knowledge, skills and attitude to maintain themselves in the practical execution of sport management, organization and control in a school environment as well as in classroom management and leadership in general. Managerial skills and the characteristics of the effective Life Orientation teacher are also addressed. In the second semester focus is on classroom practice, differentiation and assessment of physical education activities and learning activities for different ages.

Methodology of Music education 300 (JMM 300)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Humanities Education
Period of presentation	Semester 1

Module content

A study of the theoretical and practical aspects of choral conducting and stage productions. It builds on previously acquired knowledge and skills obtained. Music serves as primary focus, but the integration of other art forms is also included.

Methodology of Natural science 304 (JMN 304)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Science Mathematics and Technology Education
Period of presentation	Semester 1

Module content

Theoretical underpinnings and concepts specific to the field of Natural Science teaching in South Africa.. Best practices, instructional design, assessment and reflective practice in Natural Science teaching.

Methodology of Intermediate Mathematics 303 (JMW 303)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 2 practicals per week
Language of tuition	Module is presented in English
Department	Science Mathematics and Technology Education
Period of presentation	Semester 2

Module content

Theoretical underpinnings and concepts in teaching of Mathematics in the Intermediate Phase in South Africa; instructional design, assessment and reflective practice.

Methodology of IsiNdebele 300 (JND 300)

Module credits	6.00
Contact time	1 lecture per week, 2 practicals per week
Language of tuition	Module is presented in IsiNdebele
Department	Humanities Education
Period of presentation	Semester 2

Module content

Following on JND 200, this module aims for students to further develop skills which will enable learners to communicate as effectively as possible on a more academic level in isiNdebele. Students learn to compare and contrast approaches to learning and teaching; identify and differentiate concepts used in OBE, NCS and CAPS; implement OBE by planning and preparing lessons using NCS and CAPS learning and teaching methodologies and techniques in an integrative manner; and assessing using NCS and CAPS assessment methods, tools and techniques.

Methodology of Sepedi 300 (JSP 300)

Module credits	6.00
Contact time	1 lecture per week, 2 practicals per week
Language of tuition	Module is presented in Sepedi
Department	Humanities Education
Period of presentation	Semester 1

Module content

Following on JSP 200, this module aims for students to further develop skills which will enable learners to communicate as effectively as possible on a more academic level in Sepedi. Students learn to compare and contrast approaches to learning and teaching; identify and differentiate concepts used in OBE, NCS and CAPS; implement OBE by planning and preparing lessons using NCS and CAPS learning and teaching methodologies and techniques in an integrative manner; and assessing using NCS and CAPS assessment methods, tools and techniques.

Methodology of Setswana 300 (JSW 300)

Module credits	6.00
Contact time	1 lecture per week, 2 practicals per week
Language of tuition	Module is presented in Setswana
Department	Humanities Education
Period of presentation	Semester 2

Module content

Following on JSW 200, this module aims for students to further develop skills which will enable school learners to communicate as effectively as possible on a more academic level in Setswana. Students learn to compare and contrast approaches to learning and teaching; identify and differentiate concepts used in OBE, NCS and CAPS; implement OBE by planning and preparing lessons using NCS and CAPS learning and teaching methodologies and techniques in an integrative manner; and assessing using NCS and CAPS assessment methods, tools and techniques.

Intermediate mathematics 310 (JWI 310)

Module credits	20.00
Prerequisites	JWI 210 and JWI 220
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Module is presented in English
Department	Science Mathematics and Technology Education
Period of presentation	Semester 1

Module content

Geometry for teachers:
Space and shapes and size and measurement. Geometric thinking and reasoning. Euclidean geometry: a synthetic and analytical approach.

Intermediate mathematics 320 (JWI 320)

Module credits	20.00
Prerequisites	JWI 210 and JWI 220
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Module is presented in English
Department	Science Mathematics and Technology Education
Period of presentation	Semester 2

Module content

Statistics for teachers:
Counting and probability: counting principles, permutations and combinations, probability and expected value. Descriptive statistics: organising and visualising data, measures of central tendency and dispersion, normal distribution.

Natural science 315 (JWT 315)

Module credits	20.00
Prerequisites	Both JWT 115 and 125 passed
Contact time	1 practical per week, 4 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Science Mathematics and Technology Education
Period of presentation	Semester 1

Module content

Cytology; genetics; ecology; evolution.

Natural science 325 (JWT 325)

Module credits	20.00
Prerequisites	Both JWT 115 and 125 passed
Contact time	1 practical per week, 4 lectures per week
Language of tuition	Afrikaans and English are used in one class
Department	Science Mathematics and Technology Education
Period of presentation	Semester 2

Module content

Biological diversity; human biology.

Methodology of isiZulu 300 (JZL 300)

Module credits	6.00
Contact time	1 lecture per week, 2 practicals per week
Language of tuition	Module is presented in isiZulu
Department	Humanities Education
Period of presentation	Semester 1

Module content

Following on JZL 200, this module aims to further develop students' skills which will enable learners to communicate as effectively as possible on a more academic level in isiZulu. Students learn to compare and contrast approaches to learning and teaching; identify and differentiate concepts used in OBE, NCS and CAPS; implement OBE by planning and preparing lessons using CAPS learning and teaching methodologies and techniques in an integrative manner; and assessing using CAPS assessment methods, tools and techniques.

Curriculum: Final year

Minimum credits: 170

Fundamental modules

Professional practice 471 (JFP 471)

Module credits	3.00
Prerequisites	No prerequisites
Contact time	2 four hour practicals for one week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Quarter 1

Module content

Themes that prepare students for professional practice. School expectations. Ethics, professional appearance, assessment frameworks; record keeping; discipline. Role and organising of extra-curricular activities. Dealing with emergencies.

Core modules

Research project 461 (JNM 461)

Module credits	12.00
Contact time	2 lectures per week
Language of tuition	Separate classes for Afrikaans and English
Department	Science Mathematics and Technology Education
Period of presentation	Quarter 1

Module content

The module helps develop a theoretical and practical frame of reference of the field of research and introduces students to the collection of information and identification and formulation of a research problem. Research ethics as well as qualitative and quantitative approaches including principles of action research are addressed. A research proposal and plan is created and assessed.

Research project 464 (JNM 464)

Module credits	12.00
Contact time	2 lectures per week
Language of tuition	Separate classes for Afrikaans and English
Department	Science Mathematics and Technology Education
Period of presentation	Quarter 4

Module content
The module comprises the practical implementation of theory in a research project. Research contexts may include the work-integrated learning or community focus. Research according to the proposal of JNM 461 is performed, and a research report is provided by the student under the direction of a supervisor. The report is assessed.

Teaching practice 452 (PRO 452)

Module credits	28.00
Prerequisites	PRO 280 and PRO 380 passed.
Contact time	8 weeks, attendance only
Language of tuition	Separate classes for Afrikaans and English
Department	Humanities Education
Period of presentation	Quarter 2

Module content
This is an official full time module where students engage in teaching within the professional school environment under the mentorship of an experienced mentor teacher as well as an experienced mentor lecturer for a period of 8 weeks in the second term of the school year. The main focus is on general classroom practice, school administration, extra - mural activities and to act as responsible citizens of the school environment. The students have to prepare a professional portfolio and facilitate a prescribed number of lessons and these are formally assessed by the school as well as an experienced designated mentor lecturer. Placements for this module will only be in schools in the Pretoria area. Supportive micro teaching lessons will take place before, during and after the teaching practice PRO 452.

Teaching practice 453 (PRO 453)

Module credits	28.00
Prerequisites	PRO 280 and PRO 380 passed.
Contact time	8 weeks, attendance only
Language of tuition	Separate classes for Afrikaans and English
Department	Humanities Education
Period of presentation	Quarter 3

Module content
This is an official full-time module where students fully engage in teaching within the professional school environment under the mentorship of an experienced mentor teacher as well as an experienced mentor lecturer for a period of 8 weeks in the third term of the school year. The main focus is on general classroom practice, school administration, extra - mural activities and to act as responsible citizens of the school environment. The students have to prepare a professional portfolio and facilitate a prescribed number of lessons and these are continuously formally assessed by the school. The professional portfolio will be assessed by the designated mentor lecturer. Placements for this module can take place in schools nationally or internationally.

Elective modules

Methodology of Afrikaans 451 (JMA 451)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Module is presented in Afrikaans
Department	Humanities Education
Period of presentation	Quarter 1

Module content

* This module is only presented in Afrikaans.

Klem word gelê op die bereiking van die voorgeskrewe leeruitkomste in die Nasionale Kurrikulumverklaringsdokumente . Afrikaansonderrig as huis- en addisionele taal soos in die nasionale kurrikulum vervat, word uitgelig. 'n Teoretiese grondslag word vasgelê vir die ontwerp en aanbied van lesse.

Methodology of Afrikaans 454 (JMA 454)

Module credits	6.00
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Module is presented in Afrikaans
Department	Humanities Education
Period of presentation	Quarter 4

Module content

* This module is only presented in Afrikaans.

Klem word gelê op die bereiking van die voorgeskrewe leeruitkomste in die Nasionale Kurrikulumverklaringsdokumente. Afrikaansonderrig as huis- en addisionele taal soos in die nasionale kurrikulum vervat, word uitgelig. 'n Teoretiese grondslag word vasgelê vir die ontwerp en aanbied van lesse.

Methodology of English 451 (JME 451)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Quarter 1

Module content

This module builds progressively on previously acquired knowledge and skills obtained in JPS 121, JME 200 and JME 300. This knowledge and skills are progressively applied in the methodologies (JME 200, 300 and 451/454). The module offers a thorough overview of the learning content with specific focus on practical application as prescribed by the National Curriculum Statement Documents. It focuses on developing learning experiences for the four language skills, namely listening, speaking, reading and writing, as well as language structure and grammar. Designing of lessons and learning and teaching support materials (LTSM) are developed. Various teaching styles and paradigmatic orientations relevant to the learning experience are dealt with.

Methodology of English 454 (JME 454)

Module credits	6.00
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Module is presented in English
Department	Humanities Education
Period of presentation	Quarter 4

Module content

The module is a continuation of the principles and practices of teaching and learning in the English classroom. Further development of planning learning experiences for the four language skills, namely listening, speaking, reading and writing, as well as language structure and grammar is focused on, based on the principles of inquiry-led learning, blended learning and constructive alignment. Designing of lessons and learning and teaching support materials (LTSM) are developed, with a strong focus on technology and e-learning. Various teaching styles relevant to the learning experience are dealt with.

Methodology of Geography 451 (JMG 451)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Humanities Education
Period of presentation	Quarter 1

Module content

The art of lesson presentation and the preparation and presentation of 18 minute duration mini-lessons (to be continued from the end of the Third Year of study).

Methodology of Geography 454 (JMG 454)

Module credits	6.00
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Humanities Education

Period of presentation	Quarter 4

Module content

After the Internship during the Second Semester: Reflection on Internship, school textbook evaluation, applied project work and fieldwork.

Methodology of History 451 (JMH 451)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Humanities Education
Period of presentation	Quarter 1

Module content

This module aims to equip students to successfully present History in the Senior and/or Further Education and Training Phase. The theoretical underpinning of historical writing, content of the syllabus as well as the requirements expected to guide learners studying History as subject are studied. Students are expected to prepare phase specific teaching activities according to the requirements of the school syllabus for the phase in which they are enrolled to prepare them for their role as teachers of history. Students present lessons through micro-teaching and apply appropriate assessment and questioning; present an oral history assignment and apply previously acquired communication skills in the teaching of History.

Methodology of History 454 (JMH 454)

Module credits	6.00
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Humanities Education
Period of presentation	Quarter 4

Module content

This module aims to equip students to successfully present History in the Senior and/or Further Education and Training Phase. The theoretical underpinning of historical writing, content of the syllabus as well as the requirements expected to guide learners studying History as subject are studied. Students are expected to prepare phase specific teaching activities according to the requirements of the school syllabus for the phase in which they are enrolled to prepare them for their role as teachers of history. Students present lessons through micro-teaching and apply appropriate assessment and questioning; present an oral history assignment and apply previously acquired communication skills in the teaching of History.

Methodology of Art education 451 (JMK 451)

Module credits	6.00
Prerequisites	No prerequisites.

Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Humanities Education
Period of presentation	Quarter 1

Module content

This module provides an advanced understanding of the visual arts discipline in the different phases as stipulated by the Curriculum and Assessment Policy Statement (CAPS). Furthermore, these modules enable students to teach the visual art subject matter responsibly and effectively as successful art educators. Students are expected to identify a problem, plan and present their research, as well as explore art classroom management and learner needs.

Methodology of Art education 454 (JMK 454)

Module credits	6.00
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Humanities Education
Period of presentation	Quarter 4

Module content

This module provides an advanced understanding of the visual arts discipline in the different phases as stipulated in the Curriculum and Assessment Policy Statement (CAPS). Furthermore, these modules enable students to teach the visual art subject matter responsibly and effectively as successful art educators. Students are expected to identify a problem, plan and present their research, as well as explore art classroom management and learner needs.

Methodology of Life Orientation and Physical Education 461 (JML 461)

Module credits	6.00
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Humanities Education
Period of presentation	Quarter 1

Module content

This module addresses the practical application of teaching skills, planning and presenting of Physical Education lessons as topic of Life Orientation (presentation of micro-lessons).
Themes include:

- Exploring a meta-cognitive approach in teaching and learning
- The LO teacher as educator (including overcoming challenges innovatively)
- The LO teacher as counsellor (including eco-systemic approaches)
- Development of the self in society
- Health, social and environmental responsibility
- Constitutional rights and responsibilities
- Physical education
- Study skills

Methodology of Life Orientation and Physical Education 464 (JML 464)

Module credits	6.00
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Humanities Education
Period of presentation	Quarter 4

Module content

On attainment of the learning outcomes students demonstrates their knowledge and understanding of the theory to be applied in all practical sport and movement development situations as prescribed by the National Curriculum and Assessment policy statement in a school environment. Particular attention is given to metacognitive skills development of the students in order to empower them for their teaching tasks, as well as to enable them to engender these metacognitive skills in their learners.

Methodology of Music education 451 (JMM 451)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Humanities Education
Period of presentation	Quarter 1

Module content

Students are equipped with the necessary knowledge, skills, values and attitude needed to apply in practice and to develop and enhance the inherent musicality of all learners. This module builds on previously acquired knowledge and skills which are progressively applied in the methodologies. Music serves as primary focus, but the integration of other art forms is also included.

Methodology of Music education 454 (JMM 454)

Module credits	6.00
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Humanities Education
Period of presentation	Quarter 4

Module content

An application of previous academic knowledge and practical skills towards a stage production. The focus is on a community based project.

Methodology of Natural science 451 (JMN 451)

Module credits	6.00
Contact time	1 lecture per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Science Mathematics and Technology Education
Period of presentation	Quarter 1

Module content

Innovative teaching methods and teaching skills in Natural Science. Thematic planning, selection and use of multiple resources in Natural Science. Assessment practices; communication skills and classroom management in Natural Science. Teaching philosophy and reflective practices in Natural Science.

Methodology of Natural science 454 (JMN 454)

Module credits	6.00
Prerequisites	No prerequisites.
Contact time	1 lecture per week, 2 practicals per week
Language of tuition	Afrikaans and English are used in one class
Department	Science Mathematics and Technology Education
Period of presentation	Quarter 4

Module content

Innovative teaching methods and teaching skills in Natural Science. Thematic planning, selection and use of multiple resources in Natural Science. Assessment practices; communication skills and classroom management in Natural Science. Teaching philosophy and reflective practices in Natural Science.

Methodology of Intermediate Mathematics 453 (JMW 453)

Module credits	3.00

Prerequisites	No prerequisites.
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Module is presented in English
Department	Science Mathematics and Technology Education
Period of presentation	Quarter 1

Module content

Innovative and creative teaching methods and teaching skills in Intermediate Mathematics. Thematic planning. Selection and use of multiple resources in Intermediate Mathematics. Assessment practices. Communication skills. Classroom management. Pedagogical content knowledge of Intermediate Mathematics.

Methodology of Intermediate Mathematics 456 (JMW 456)

Module credits	3.00
Prerequisites	No prerequisites.
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Module is presented in English
Department	Science Mathematics and Technology Education
Period of presentation	Quarter 4

Module content

Reflective practices and misconceptions in Intermediate Mathematics. Pedagogical content knowledge in Intermediate Mathematics.

Methodology of IsiNdebele 451 (JND 451)

Module credits	6.00
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Module is presented in IsiNdebele
Department	Humanities Education
Period of presentation	Quarter 1

Module content

The module comprises the following themes: history of the different phases of education in South Africa and different teaching methods used in each phase; NCS and CAPS processing (scheme of work, schedule and assessment); multiple intelligences; facilitating grammar lessons; facilitating literature lessons; facilitating creative writing lessons and marking of letters and compositions; questioning skills for facilitating assessment (methods, techniques and tools); and using technology in teaching.

Methodology of IsiNdebele 454 (JND 454)

Module credits	6.00
Contact time	2 lectures per week, 2 practicals per week

Language of tuition	Module is presented in IsiNdebele
Department	Humanities Education
Period of presentation	Quarter 4

Module content

Lesson design and application of design (continuing and applying second and third year methodology content); phase specific application; application, adaptation and integration of outcomes so that straddling can take place; subject specific principles of assessment and application; innovative teaching; thematic planning; finding, using and adapting resources for teaching; selection and assessment of authentic texts as well as textbooks; facilitating and mediating learning; multi-level teaching (adapting the curriculum to meet the needs of diverse learners); differentiation (learning styles and individual differences, multiple intelligences) and inclusive education; co-operative learning; electronic resource training, e-learning and micro teaching.

Methodology of Sepedi 451 (JSP 451)

Module credits	6.00
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Module is presented in Sepedi
Department	Humanities Education
Period of presentation	Quarter 1

Module content

This module aims to equip students with the necessary knowledge and skills regarding the following components of teaching Sepedi at schools: education policies and teaching methods; grammar; literature; creative writing; assessment; and e-learning. The module comprises the following themes: history of the different phases of education in South Africa and different teaching methods used in each phase; NCS and CAPS processing (scheme of work, schedule and assessment); multiple intelligences; facilitating grammar lessons; facilitating literature lessons; facilitating creative writing lesson and marking of letters and compositions; questioning skills for facilitating assessment (methods, techniques and tools); and using technology in teaching.

Methodology of Sepedi 454 (JSP 454)

Module credits	6.00
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Module is presented in Sepedi
Department	Humanities Education
Period of presentation	Quarter 4

Module content

Lesson design and application of design (continuing and applying second and third year methodology content); phase specific application; application, adaptation and integration of outcomes so that straddling can take place; subject specific principles of assessment and application; innovative teaching; thematic planning; finding, using and adapting resources for teaching; selection and assessment of authentic texts as well as textbooks; facilitating and mediating learning; multi-level teaching (adapting the curriculum to meet the needs of diverse learners); differentiation (learning styles and individual differences, multiple intelligences) and inclusive education; co-operative learning; electronic resource training, e-learning and micro teaching.

Methodology of Setswana 451 (JSW 451)

Module credits	6.00
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Module is presented in Setswana
Department	Humanities Education
Period of presentation	Quarter 1

Module content

This module aims to equip students with the necessary knowledge and skills regarding the following components of teaching Setswana at schools: education policies and teaching methods; grammar; literature; creative and composition writing; assessment; and e-learning. The module comprises the following themes: history of the different phases of education in South Africa and different teaching methods used in each phase; The NCS and CAPS processing (scheme of work; schedule and assessment); multiple Intelligences; facilitating grammar lessons; facilitating literature lessons; facilitating creative writing lessons and marking of letters and compositions; questioning skills for facilitating assessment (methods, techniques and tools); and using technology in teaching.

Methodology of Setswana 454 (JSW 454)

Module credits	6.00
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Module is presented in Setswana
Department	Humanities Education
Period of presentation	Quarter 4

Module content

Lesson design and application of design (continuing and applying second and third year methodology content); phase specific application; application, adaptation and integration of outcome so that straddling can take place; subject specific principles of assessment and application; innovative teaching; thematic planning; finding, using and adapting resources for teaching; selection and assessment of authentic texts as well as textbooks; facilitating and mediating learning; multi-level teaching (adapting the curriculum to meet the needs of diverse learners); differentiation (learning styles and individual differences, multiple intelligences) and inclusive education; co-operative learning; electronic resource training, e-learning and micro teaching.

Methodology of isiZulu 451 (JZL 451)

Module credits	6.00
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Module is presented in isiZulu
Department	Humanities Education
Period of presentation	Quarter 1

Module content

The module comprises the following themes: The NCS and CAPS processing (scheme of work, schedule and assessment); multiple Intelligences; facilitating grammar lessons; facilitating literature lessons; facilitating creative writing lessons and the marking of letters and compositions; questioning skills for facilitating assessment (methods, techniques and tools); and using technology in teaching.

Methodology of isiZulu 454 (JZL 454)

Module credits	6.00
Contact time	2 lectures per week, 2 practicals per week
Language of tuition	Module is presented in isiZulu
Department	Humanities Education
Period of presentation	Quarter 4

Module content

Lesson design and application of design (continuing and applying second and third year methodology content); phase specific application; application, adaptation and integration of outcomes so that straddling can take place; subject specific principles of assessment and application; innovative teaching; thematic planning; finding, using and adapting resources for teaching; selection and assessment of authentic texts as well as textbooks; facilitating and mediating learning; multi-level teaching (adapting the curriculum to meet the needs of diverse learners); differentiation (learning styles and individual differences, multiple intelligences) and inclusive education; co-operative learning; electronic resource training, e-learning and micro teaching.

The information published here is subject to change and may be amended after the publication of this information. The General Regulations (G Regulations) apply to all faculties of the University of Pretoria. It is expected of students to familiarise themselves well with these regulations as well as with the information contained in the General Rules section. Ignorance concerning these regulations and rules will not be accepted as an excuse for any transgression.