



# University of Pretoria Yearbook 2017

## BEd Foundation Phase Teaching (09133011)

**Duration of study** 4 years

**Total credits** 680

### Admission requirements

- The following persons will be considered for admission: a candidate who is in possession of a certificate that is deemed by the University to be equivalent to the required Grade 12 certificate with university endorsement; a candidate who is a graduate from another tertiary institution or has been granted the status of a graduate of such an institution; and a candidate who is a graduate of another faculty at the University of Pretoria.
- Life Orientation is excluded when calculating the APS.
- Prospective students with an APS of 26-29 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.

Minimum requirements				
Achievement level				APS
Afrikaans or English				
NSC/IEB	HIGCSE	AS-Level	A-Level	
4	3	D	D	30 (26-29 admission based on the NBT)

### Other programme-specific information

Module description	Module code
<b>Fundamental modules</b>	
Academic information management	AIM 101 or AIM 111, 121
Literacies in education	JLZ 110, 120 or JLZ 111, 121
First aid	JNH 454
<b>Core modules</b>	
Education	OPV 112, 122 OPV 212, 222 OPV 312, 322
Literacies in education	JLZ 300
Research project	JNM 461, 464



Teaching practice	PRO 280 PRO 380 PRO 452, 453
Health and safety	JGV 210
Foundation phase mathematics	JGS 121 JGS 211 JGS 212
Literacy practices	JGL 110 JGL 200 JGL 311 JGL 461 JGL 464
Human movement studies	JMB 124
Learning support	JLD 220
ECD-studies	JVK 130
Professional practice	JFP 111 JFP 451
Arts and culture	JLK 110, 120
NS and technology	JST 320
Life skills programme	JLP 220
Methodology of learning support	JMD 351
ECD-studies <b>or</b> Learning support	JVK 400 <b>or</b> JLD 400
<b>Elective modules</b> <b>One of the following African Languages must be chosen at first-year level and should also be taken at second-year level.</b>	
IsiZulu	For beginners: ZUL 110, 120 ZUL 210, 220 For speakers of IsiZulu as a home language or 1st or 2nd additional language: ZUL 111, AFT 121 ZUL 211, AFT 220
Sepedi	For beginners: SEP 110, 120 SEP 210, 220 For speakers of Sepedi as home language or 1st or 2nd additional language: SEP 111, AFT 121 SEP 211, AFT 220



Setswana	For beginners: STW 110, STW 120 STW 210, STW 220 For speakers of Setswana as home language or 1st or 2nd additional language: STW 111, AFT 121 STW 211, AFT 220
IsiNdebele (Only for speakers of isiNdebele as a home language or first or second additional language)	NDE 110, AFT 121 NDE 210, AFT 220

### 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).

### Programme delivery

The PGCE consists of a university-based learning (UBL) component and a school-based learning (SBL) component. The UBL component is presented in the format of learning shops during which students construct a practice theory of and for education. For the purpose of the SBL component, students are placed in two partnership schools with different compositions for 6 weeks each (a total of 12 weeks), during which they engage in education practice while they are supported and assessed by qualified mentor teachers and university mentor lecturers.

## 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**

### Fundamental modules

#### Literacies in education 110 (JLZ 110)

**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.

<b>Module credits</b>	6.00
<b>Prerequisites</b>	Afrikaans Home Language 60% or English Home Language 60% or English 1st Add Language 70%
<b>Contact time</b>	2 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Humanities Education
<b>Period of presentation</b>	Semester 1

#### Literacies in education 111 (JLZ 111)

**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.

<b>Module credits</b>	6.00
<b>Prerequisites</b>	Afrikaans Home Language 50% OR English Home Language 50% OR English 1st Add Language 60%
<b>Contact time</b>	2 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Humanities Education
<b>Period of presentation</b>	Semester 1

#### Literacies in education 120 (JLZ 120)

**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.

<b>Module credits</b>	6.00
<b>Prerequisites</b>	Afrikaans Home Language 60% OR English Home Language 60% OR English 1st Add Language 70%
<b>Contact time</b>	2 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Humanities Education
<b>Period of presentation</b>	Semester 2

### Literacies in education 121 (JLZ 121)

#### 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.

<b>Module credits</b>	6.00
<b>Prerequisites</b>	Afrikaans Home Language 50% OR English Home Language 50% OR English 1st Add Language 60%
<b>Contact time</b>	2 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Humanities Education
<b>Period of presentation</b>	Semester 2

### Academic information management 101 (AIM 101)

#### 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.

<b>Module credits</b>	6.00
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<b>Service modules</b>	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 Faculty of Veterinary Science
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	2 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Information Science
<b>Period of presentation</b>	Semester 1

### Academic information management 111 (AIM 111)

#### Module content:

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

**Module credits** 4.00

<b>Service modules</b>	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
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	MAMELODI, 2 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Information Science
<b>Period of presentation</b>	Semester 1

### Academic information management 121 (AIM 121)

#### 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.

**Module credits** 4.00



<b>Service modules</b>	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 Faculty of Veterinary Science
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	2 lectures per week, MAMELODI
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Informatics
<b>Period of presentation</b>	Semester 2

## Core modules

### Early childhood development studies 130 (JVK 130)

#### Module content:

Planning, implementation and evaluation of the Early childhood curriculum to promote learning and development in the early years.

<b>Module credits</b>	12.00
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	2 practicals per week, 2 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Early Childhood Education
<b>Period of presentation</b>	Semester 1

### Arts and culture 120 (JLK 120)

#### Module content:

This module assists students to explore various methods of stimulating creativity in the classroom environment. They are familiarised with basic art making skills and processes that can be used in the Foundation Phase. The module allows students to explore their own creative thinking through various art mediums and processes, while being guided through theoretical lectures and practical demonstrations. A practical portfolio is compiled by every student, containing examples of art works and theoretical research. The portfolio serves as a manual for future reference in the classroom.

<b>Module credits</b>	6.00
<b>Prerequisites</b>	No prerequisites.



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<b>Contact time</b>	2 practicals per week
<b>Language of tuition</b>	Afrikaans and English is used in one class
<b>Academic organisation</b>	Humanities Education
<b>Period of presentation</b>	Semester 2

### Arts and culture 110 (JLK 110)

#### Module content:

Students acquire teaching skills to facilitate group music making activities with learners in the foundation phase. Three components are balanced in this programme: basic knowledge (music concepts and theoretical content); music skills (singing, playing instruments, listening, moving, applying music notation and creating); and didactical skills. The value of music in a culturally diverse society is emphasized.

<b>Module credits</b>	6.00
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	2 lectures per week, 2 practicals per week
<b>Language of tuition</b>	Afrikaans and English is used in one class
<b>Academic organisation</b>	Humanities Education
<b>Period of presentation</b>	Semester 1

### Education 112 (OPV 112)

#### 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.

<b>Module credits</b>	12.00
<b>Service modules</b>	Faculty of Humanities
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	3 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Humanities Education
<b>Period of presentation</b>	Semester 1

### Education 122 (OPV 122)

#### 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.

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

### Human movement studies 124 (JMB 124)

#### Module content:

The module equips the student to understand and participate in activities that promote movement and physical development. Creative movement on music to promote rhythm and dance patterns is part of the different ways that a learner use to explore different parts of the body. Different motor development is looked at- motor control, body awareness and perceptual motor abilities. Movement skills in early childhood development- use a combination of body parts, to loco mote, rotate, evaluate and balance, with or without equipment. The focus is on spatial perception, kinaesthetic perception, strength and stamina. It includes throwing and striking and rolling, bouncing and moving with a ball or similar equipment. Movement activities include games play to promote running, chasing and dodging are playing a part.

<b>Module credits</b>	6.00
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	1 lecture per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Early Childhood Education
<b>Period of presentation</b>	Semester 2

### Foundation phase mathematics 121 (JGS 121)

#### Module content:

The facilitating and acquisition of early mathematics pedagogy (for children 0-6 years).

<b>Module credits</b>	6.00
<b>Contact time</b>	1 practical per week, 1 lecture per week



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<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Early Childhood Education
<b>Period of presentation</b>	Semester 2

### Literacy practices 110 (JGL 110)

#### Module content:

Equips the student with the knowledge, skills, attitudes and values to develop and enhance the young child's literacy through the use of children's literature. It has a holistic approach to emergent literacy as part of the language development of the 0-9 - year- old child.

<b>Module credits</b>	6.00
<b>Contact time</b>	2 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Early Childhood Education
<b>Period of presentation</b>	Semester 1

### Professional practice 111 (JFP 111)

#### Module content:

To design and develop teaching skills, strategies, resources and material. To assist the development of student teachers' own handwriting and chalkboard skills and support the development of the learner handwriting. To prepare the student to select, plan, prepare and use media in the learning environment that enhance the learners' perceptual skills and stimulate critical thinking and problem-solving skills. This module forms the foundation of the 4th year module JFP 451.

<b>Module credits</b>	6.00
<b>Contact time</b>	2 lectures per week, 1 practical per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Early Childhood Education
<b>Period of presentation</b>	Semester 1

## Elective modules

### Introduction to isiNdebele Grammar - Capita selecta 110 (NDE 110)

#### 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.

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

### Sepedi for beginners 110 (SEP 110)

#### Module content:

\*For absolute beginners only.

\*Only students from the School of Healthcare Sciences 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.

<b>Module credits</b>	12.00
<b>Service modules</b>	Faculty of Education Faculty of Health Sciences
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	2 lectures per week, 1 discussion class per week
<b>Language of tuition</b>	Afrikaans and English is used in one class
<b>Academic organisation</b>	African Languages
<b>Period of presentation</b>	Semester 1 and Semester 2

### Sepedi 120 (SEP 120)

#### 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.

<b>Module credits</b>	12.00
<b>Service modules</b>	Faculty of Education



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<b>Prerequisites</b>	SEP 110
<b>Contact time</b>	1 discussion class per week, 2 lectures per week
<b>Language of tuition</b>	Afrikaans and English is used in one class
<b>Academic organisation</b>	African Languages
<b>Period of presentation</b>	Semester 2

### **Setswana for beginners 110 (STW 110)**

#### **Module content:**

\* For absolute beginners only.

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

<b>Module credits</b>	12.00
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	2 lectures per week, 1 discussion class per week
<b>Language of tuition</b>	Afrikaans and English is used in one class
<b>Academic organisation</b>	African Languages
<b>Period of presentation</b>	Semester 1

### **Setswana 120 (STW 120)**

#### **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.

<b>Module credits</b>	12.00
<b>Prerequisites</b>	STW 110
<b>Contact time</b>	1 discussion class per week, 2 lectures per week
<b>Language of tuition</b>	Afrikaans and English is used in one class
<b>Academic organisation</b>	African Languages
<b>Period of presentation</b>	Semester 2



## isiZulu for beginners 110 (ZUL 110)

### Module content:

\*For absolute beginners only

\*Only students from the School of Healthcare Sciences 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.

<b>Module credits</b>	12.00
<b>Service modules</b>	Faculty of Education Faculty of Health Sciences
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	1 discussion class per week, 2 lectures per week
<b>Language of tuition</b>	Afrikaans and English is used in one class
<b>Academic organisation</b>	African Languages
<b>Period of presentation</b>	Semester 1 and Semester 2

## isiZulu 120 (ZUL 120)

### 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

<b>Module credits</b>	12.00
<b>Service modules</b>	Faculty of Education
<b>Prerequisites</b>	ZUL 110
<b>Contact time</b>	1 discussion class per week, 2 lectures per week
<b>Language of tuition</b>	Afrikaans and English is used in one class
<b>Academic organisation</b>	African Languages
<b>Period of presentation</b>	Semester 2

## African languages literature: Capita selecta 121 (AFT 121)

### 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.



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

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

#### 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.

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

### Introduction to isiZulu grammar - Capita selecta 111 (ZUL 111)

#### 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.

<b>Module credits</b>	12.00
<b>Service modules</b>	Faculty of Engineering, Built Environment and Information Technology Faculty of Education
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	2 lectures per week
<b>Language of tuition</b>	Module is presented in isiZulu



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**Academic organisation** African Languages

**Period of presentation** Semester 1

### **Introduction to Setswana grammar - capita selecta 111 (STW 111)**

#### **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.

**Module credits** 12.00

**Contact time** 2 lectures per week

**Language of tuition** Module is presented in Setswana

**Academic organisation** African Languages

**Period of presentation** Semester 1



## Curriculum: Year 2

**Minimum credits: 170**

### Core modules

#### Teaching practice 280 (PRO 280)

**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.

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

#### Life skills programme 220 (JLP 220)

**Module content:**

Life skills is central to the holistic development of learners. It is concerned with the social, personal, intellectual, emotional and physical growth of learners, and with the way in which these are integrated. The module Life skills addresses the personal and social development of the child, as well as a Social studies component which addresses the child as citizen and the relationship between the child and its environment.

<b>Module credits</b>	12.00
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	4 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Early Childhood Education
<b>Period of presentation</b>	Semester 2

#### Education 212 (OPV 212)

**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.

<b>Module credits</b>	20.00
<b>Service modules</b>	Faculty of Humanities
<b>Prerequisites</b>	OPV 112 or OPV 122 passed with 40% (GS) in the other module
<b>Contact time</b>	4 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Science, Maths + Techno Ed
<b>Period of presentation</b>	Semester 1

## Education 222 (OPV 222)

### 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.

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

## Literacy practices 200 (JGL 200)

### Module content:

This module introduces the concepts of language and literacies, highlighting the importance of these for learning. Various themes relate to the teaching and learning of the basic communicative skills with a strong focus on children's literature education and writing. The module aims to prepare students with the necessary skills to support young learners in their language development so that they become confident learners and competent communicators in at least two languages.

<b>Module credits</b>	24.00
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<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	3 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Humanities Education
<b>Period of presentation</b>	Year

## Foundation phase mathematics 211 (JGS 211)

### Module content:

The facilitating and acquisition of foundation phase mathematics pedagogy (grades 1-3).

<b>Module credits</b>	12.00
<b>Contact time</b>	1 practical per week, 2 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Early Childhood Education
<b>Period of presentation</b>	Semester 1

## Learning support 220 (JLD 220)

### Module content:

The purpose of this module is to equip the student with knowledge about inclusion and inclusive education in South Africa. We focus on the causes of learning barriers, skills a teacher needs to support learners with learning barriers, as well as ways to accommodate these learners in the classroom. The causes of barriers to learning are examined and we distinguish between intrinsic and extrinsic factors that can cause learning problems. Multidisciplinary and systemic approaches are introduced. The family as primary educational institution is discussed, as well as the effect of the different parenting styles and child rearing errors on the development and academic progress of the child.

<b>Module credits</b>	12.00
<b>Contact time</b>	4 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Early Childhood Education
<b>Period of presentation</b>	Semester 2

## Health and safety 210 (JGV 210)

### Module content:

The module has a holistic approach to the aspects of health, safety and nutrition of the young child, including knowledge about HIV/Aids. It is a field of knowledge that will equip you with the necessary knowledge, skills,



values and attitudes needed to create and promote a safe environment in which the young child can grow and develop. The main focus of this field of knowledge is the Life Orientation Learning area, which forms part of the Life Skills Learning Programme in Early Childhood Development and Education (ECD).

<b>Module credits</b>	6.00
<b>Contact time</b>	2 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	School for Teachers Training
<b>Period of presentation</b>	Semester 1

## Foundation phase mathematics 212 (JGS 212)

### Module content:

The purpose of the course is to develop a deeper understanding of critical elements of mathematics, including the natural number system, its properties and the four number operations. The transition to the rational number system is explored with attention to its properties and operations. Number patterns and relationships between numbers are explored to develop greater fluency in mathematics computations. Attention is given to pictorial, verbal, diagrammatic and symbolic representations. The development of major topics, measurement, geometry, statistics and probability are explored with a view to providing insights into teaching and learning. Throughout the course attention is given to problem solving and algebraic reasoning.

The methodology of the course will include hands-on activities which promote confidence and agency in the classroom. While some attention is given to teaching in the Foundation Phase, this outcome is not central to the course.

<b>Module credits</b>	12.00
<b>Contact time</b>	1 practical per week, 2 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Early Childhood Education
<b>Period of presentation</b>	Semester 2

## Elective modules

### isiNdebele 210 (NDE 210)

#### 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.



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

## Sepedi 210 (SEP 210)

### 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.

<b>Module credits</b>	20.00
<b>Service modules</b>	Faculty of Education
<b>Prerequisites</b>	SEP 110, SEP 120
<b>Contact time</b>	1 discussion class per week, 2 lectures per week
<b>Language of tuition</b>	Afrikaans and English is used in one class
<b>Academic organisation</b>	African Languages
<b>Period of presentation</b>	Semester 1

## Sepedi 220 (SEP 220)

### 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.

<b>Module credits</b>	20.00
<b>Service modules</b>	Faculty of Education
<b>Prerequisites</b>	SEP 210
<b>Contact time</b>	1 discussion class per week, 2 lectures per week
<b>Language of tuition</b>	Afrikaans and English is used in one class
<b>Academic organisation</b>	African Languages
<b>Period of presentation</b>	Semester 2

## Setswana 210 (STW 210)

### 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.

<b>Module credits</b>	20.00
<b>Prerequisites</b>	STW 110, STW 120
<b>Contact time</b>	2 lectures per week, 1 discussion class per week
<b>Language of tuition</b>	Afrikaans and English is used in one class
<b>Academic organisation</b>	African Languages
<b>Period of presentation</b>	Semester 1

## Setswana 220 (STW 220)

### 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.



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<b>Module credits</b>	20.00
<b>Prerequisites</b>	STW 210
<b>Contact time</b>	2 lectures per week, 1 discussion class per week
<b>Language of tuition</b>	Afrikaans and English is used in one class
<b>Academic organisation</b>	African Languages
<b>Period of presentation</b>	Semester 2

## isiZulu 210 (ZUL 210)

### 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.

<b>Module credits</b>	20.00
<b>Service modules</b>	Faculty of Education
<b>Prerequisites</b>	ZUL 110, ZUL 120
<b>Contact time</b>	1 discussion class per week, 2 lectures per week
<b>Language of tuition</b>	Afrikaans and English is used in one class
<b>Academic organisation</b>	African Languages
<b>Period of presentation</b>	Semester 1

## isiZulu 220 (ZUL 220)

### 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.

<b>Module credits</b>	20.00
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<b>Service modules</b>	Faculty of Education
<b>Prerequisites</b>	ZUL 210
<b>Contact time</b>	2 lectures per week, 1 discussion class per week
<b>Language of tuition</b>	Afrikaans and English is used in one class
<b>Academic organisation</b>	African Languages
<b>Period of presentation</b>	Semester 2

## African languages literature: Capita selecta 220 (AFT 220)

### 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.

**Module credits** 20.00

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

## Sepedi grammar - Capita selecta 211 (SEP 211)

### 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.

**Module credits** 20.00

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



## IsiZulu grammar - Capita selecta 211 (ZUL 211)

### 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.

<b>Module credits</b>	20.00
<b>Service modules</b>	Faculty of Engineering, Built Environment and Information Technology Faculty of Education
<b>Prerequisites</b>	ZUL 111, AFT 121
<b>Contact time</b>	2 lectures per week
<b>Language of tuition</b>	Module is presented in isiZulu
<b>Academic organisation</b>	African Languages
<b>Period of presentation</b>	Semester 1

## Setswana Grammar - Capita Selecta 211 (STW 211)

### 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.

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





## Curriculum: Year 3

**Minimum credits: 170**

### Core modules

#### Natural science and technology 320 (JST 320)

**Module content:**

This module equips students to understand and present Natural Science and Technology in the ECD and Foundation Phase. General guidelines, thinking and specific skills, concepts, content knowledge, problem solving, design process, planning and presentation of appropriate activities.

<b>Module credits</b>	12.00
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	4 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Early Childhood Education
<b>Period of presentation</b>	Semester 2

#### Teaching practice 380 (PRO 380)

**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.

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

#### Literacies in education 300 (JLZ 300)

**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 enrich their personal language profile by acquiring a functional knowledge of appropriate words and phrases in an African language with the view to facilitating classroom management.

<b>Module credits</b>	12.00
<b>Prerequisites</b>	JLZ 110 and JLZ 120 OR JLZ 111 and JLZ 121 OR JLZ 100 OR JLZ 101
<b>Contact time</b>	2 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Humanities Education
<b>Period of presentation</b>	Year

## Education 312 (OPV 312)

### 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.

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

## Education 322 (OPV 322)

### 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.



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

### Methodology of Learning support 351 (JMD 351)

#### Module content:

This module will focus on the learning readiness of the school beginner, including physical, intellectual, perceptual, emotional and social readiness, as well as the learning difficulties that might occur due to a lack of learning readiness.

The knowledge and skills obtained will prepare the student for JLD 400 where the focus will be on early identification of learning difficulties and intervention in the Foundation Phase.

<b>Module credits</b>	6.00
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	2 lectures per week, Community Engagement
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Early Childhood Education
<b>Period of presentation</b>	Semester 1

### Literacy practices 311 (JGL 311)

#### Module content:

The module focuses on the practical application of the theory gained in the second-year Literacy practices module (JGL 200) in terms of the teaching of reading and writing to learners in grades 1-3 in their home languages.

<b>Module credits</b>	6.00
<b>Contact time</b>	2 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Early Childhood Education
<b>Period of presentation</b>	Semester 1



## Curriculum: Final year

**Minimum credits: 170**

### Fundamental modules

#### Professional practice 471 (JFP 471)

**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.

<b>Module credits</b>	3.00
<b>Prerequisites</b>	No prerequisites
<b>Contact time</b>	2 four hour practicals for one week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Humanities Education
<b>Period of presentation</b>	Quarter 1

### Core modules

#### Teaching practice 452 (PRO 452)

**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.

<b>Module credits</b>	28.00
<b>Prerequisites</b>	PRO 280 and PRO 380 passed.
<b>Contact time</b>	8 weeks, attendance only
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Humanities Education
<b>Period of presentation</b>	Year

#### Teaching practice 453 (PRO 453)

**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.

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

### Learning support 400 (JLD 400)

#### Module content:

This module will focus on the early identification of learning problems, diagnostic assessments to determine the underlying causes thereof, as well as intervention strategies in order to successfully address learning barriers in the Foundation Phase. The student will learn how to adapt the curriculum for learners experiencing problems with language as well as Mathematics and how to support these learners in building a positive self esteem by providing opportunities for learning success and in doing so letting the learners believe in their own abilities.

<b>Module credits</b>	24.00
<b>Prerequisites</b>	No prerequisites.
<b>Contact time</b>	4 lectures per week S1 only Q1
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Early Childhood Education
<b>Period of presentation</b>	Year

### Early childhood development studies 400 (JVK 400)

#### Module content:

This module is designed to develop the student teachers' understanding of different theories, approaches and challenges relating to early childhood education for children from birth to six years old. In this module student teachers explore and incorporate the importance of culture and contexts within various early learning centres in South Africa and beyond. The programme therefore aims to create an awareness towards the positive, long-term impact of quality education during the early childhood years. Student teachers will also be equipped to become competent, knowledgeable, reflective and committed teachers, which will enable them to contribute towards the holistic development and learning of young children.

<b>Module credits</b>	24.00
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<b>Prerequisites</b>	May only be taken in the final year of study
<b>Contact time</b>	4 lectures per week S1 only Q1, 4 lectures per week S2 only Q4
<b>Language of tuition</b>	Afrikaans and English is used in one class
<b>Academic organisation</b>	Early Childhood Education
<b>Period of presentation</b>	Year

### Professional practice 451 (JFP 451)

#### Module content:

To develop students' competence in foundation phase practices. This module aims at preparing students to implement effective classroom practices in the foundation phase. The module focuses on aspects such as planning and assessment, creating an environment that is conducive to learning, innovative teaching strategies, and classroom management.

<b>Module credits</b>	12.00
<b>Contact time</b>	3 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Early Childhood Education
<b>Period of presentation</b>	Quarter 1

### Literacy practices 461 (JGL 461)

#### Module content:

To equip students with the language ability to teach Afrikaans as an additional language in the Foundation Phase. The student will be able to acquire the knowledge of Afrikaans language use and structure as well as the skills to teach it. The presentation of this module will be through the use of children's literature e.g. stories and poetry in Afrikaans.

<b>Module credits</b>	6.00
<b>Contact time</b>	2 lectures per week
<b>Language of tuition</b>	Module is presented in Afrikaans
<b>Academic organisation</b>	Early Childhood Education
<b>Period of presentation</b>	Quarter 1

### Literacy practices 464 (JGL 464)

#### Module content:

To equip students with the skills and knowledge to teach English as an additional language in the Foundation Phase. The student will acquire the knowledge of English language use and structure as well as the skills to



teach it. Attention to grammar and literature is offered in this regard.

<b>Module credits</b>	6.00
<b>Contact time</b>	2 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Academic organisation</b>	Early Childhood Education
<b>Period of presentation</b>	Quarter 4

### Research project 461 (JNM 461)

#### 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.

<b>Module credits</b>	12.00
<b>Contact time</b>	2 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Science, Maths + Techno Ed
<b>Period of presentation</b>	Quarter 1

### Research project 464 (JNM 464)

#### 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.

<b>Module credits</b>	12.00
<b>Contact time</b>	2 lectures per week
<b>Language of tuition</b>	Separate classes for Afrikaans and English
<b>Academic organisation</b>	Science, Maths + Techno Ed
<b>Period of presentation</b>	Quarter 4

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 each student to



familiarise himself or herself 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.