

# Faculty of Education

Fakulteit Opvoedkunde  
Lefapha la Thuto



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA

# 2016 BEd PROGRAMME INFORMATION



## GENERAL INFORMATION

## REGULATIONS AND CURRICULA

*The rules for the degrees published here are subject to change and may be amended prior to the commencement of the academic year in 2016.*

*The General Regulations (G Regulations) apply to all faculties of the University of Pretoria. It is expected of each student to familiarize himself or herself well with these regulations. Ignorance concerning these regulations will not be accepted as an excuse for any transgression.*

See: <https://www.up.ac.za/yearbooks/home> for the complete information on the University of Pretoria and the Faculty of Education's general regulations and yearbook information, including the BEd programmes with the content of subjects (modules).

### 1 Admission to degree studies

#### 1.1 General

- 1.1.1 To register for a first bachelor's degree at this University, a candidate must in addition to the required National Senior Certificate with admission to degree studies, comply with the specific admission requirements for particular modules and fields of study as prescribed in the admission regulations and the faculty regulations of the departments.
- 1.1.2 The following persons may also be considered for admission:
- A candidate who is in possession of a certificate which is deemed by the University to be equivalent to the required National Senior Certificate, with admission to degree studies.
  - A candidate who is a graduate from another tertiary institution or has been granted the status of a graduate of such an institution.
  - A candidate who completed the Institutional Proficiency Test successfully, as prescribed by the University.
- 1.1.3 Senate may limit the number of students allowed to register for a module/ programme, in which case the Dean concerned may, at her/his own discretion, select from the students who qualify for admission those who may be admitted.
- 1.1.4 Subject to faculty regulations a candidate will only be admitted to postgraduate bachelor's degree studies, if he or she is already in possession of a recognised bachelor's degree or equivalent qualification.

### 2 Registration for a particular year of study

At the beginning of an academic year, a student registers for all the modules he or she intends taking in that particular year (whether these be first semester, second semester or year modules). A student may also only register for modules that will fit in the lecture, test and examination timetables.

### 3 Examination admission and pass requirements

A sub-minimum of 40% is required for the year and/or semester mark for admission to the examination in each module. A student who obtains a final mark of 40 – 49% in a module qualifies for a supplementary examination. If a pass mark has been obtained in a module, but the required sub-minimum of 40% has not been obtained in the examination, the student will have to write a supplementary examination. A final mark of at least 50% is required to pass a module.

#### 3.1 Examinations

The examinations for first semester modules take place in May/June, while all other examinations (second semester modules and year modules) take place in October/November.

#### 3.2 Ancillary examinations

After completion of an examination and before the examination results are published, the examiners may summon a student for an ancillary examination on particular aspects of the work of that module.

#### 3.3 Aegrotat/extraordinary examinations

Students, who do not write their examinations on the scheduled day, may apply for an aegrotat /extraordinary examination at the Student Administration Offices. Lecturers are not allowed to grant any permission for this category of examination. It is the responsibility of the student to ascertain whether his/her request has been successful. If permission has been granted, the student must write the aegrotat/extraordinary examination during the supplementary examination. Such a student will not qualify for a further supplementary examination. Application for the above examination must be handed in at the Student Administration Offices together with a valid medical certificate not later than three working days after the module should have been written.

A student who has been granted permission to write an aegrotat/extraordinary examination and who then fails to write the examination will not qualify to submit any such application at a later stage.

A medical certificate will not be accepted where it states that a student appeared ill or declared him-/herself unfit to write the examination.

A medical certificate will not be accepted if it does not contain the physical address and telephone number of the doctor/medical practice.

In cases where a reason other than sickness is relied upon, the student must submit an affidavit that reflects the reason for his/her absence from the examination. Further evidentiary documents or supporting affidavits from persons who may be able to give evidence regarding the situation must also be submitted.

In the event of a funeral, a copy of the death certificate of the deceased or other substantiating evidence is required together with an explanation of the relationship between the student and the deceased.

### **3.4 Re-marking of examination papers**

After an examination, departments give feedback to students about the framework that was used by the examiners during the examination. The way in which feedback is given is determined by the departmental heads. A student may, after having perused his/her examination paper, apply for re-marking of the examination paper within 14 calendar days after commencement of lectures in the next semester. The prescribed fee has to be paid. The paper will then be re-marked by an external examiner appointed by the Head of department concerned.

### **3.5 Supplementary examinations**

3.5.1 Supplementary examinations in first semester modules take place after the May/June examinations, while those in second semester and year modules take place after the October/November examinations.

3.5.2 Subject to other faculty regulations, a student may be admitted to a supplementary examination in a module, in cases where:

- a final mark between 40% and 49% has been obtained; or
- a pass mark has been obtained, but the required subminimum in the examination section of the module or divisions thereof has not been obtained.

3.5.3 Subject to other faculty regulations, a student must obtain a final mark of at least 50% in order to pass a supplementary examination. The semester or year mark is not taken into account and the supplementary mark is the final mark.

3.5.4 The highest final mark that may be awarded to a student in a supplementary examination is 50%.

3.5.5 Special supplementary examinations are not arranged for students who are unable to write the examination at the times scheduled for supplementary examinations.

## **4 Promotion requirements**

4.1 Reregistration is permitted only:

- in the case of full-time students, if the student has passed at least the equivalent of four semester modules in a particular year of study, with the proviso that faculty boards may stipulate other requirements for progress that students must comply with in order to be readmitted. Academic information management (AIM) modules are not calculated towards the number of modules passed;
- in the case of full-time students, if the student completes the degree for which he or she is still registered within the prescribed minimum period plus two years: with the proviso that faculty boards may stipulate other requirements for progress that students must comply with in order to be readmitted.

4.2 A student who does not comply with the requirements in 4.1 and who seeks readmission to the faculty may submit a written request to the Dean that his or her application for readmission to the faculty be considered in terms of the set procedure.

4.3 These requirements are mutatis mutandis applicable to students from other tertiary institutions who register at the University.

4.4 Students can be promoted to the fourth year of study only if all the modules of the first three years have been passed.

## **DEGREES AND CERTIFICATES CONFERRED OR AWARDED IN THE FACULTY OF EDUCATION**

### **UNDERGRADUATE PROGRAMMES**

#### **1.1 Special examinations in the Faculty of Education**

- 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.

## 1.2 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).

## 1.3 Degree with distinction

### 1.3.1 BEd Foundation Phase teaching

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.

### 1.3.2 BEd Intermediate Phase teaching

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.

### 1.3.3 BEd Senior- and Further Education and Training Phase teaching

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.

## 2 Packages in the BEd programme

### 2.1 Foundation Phase Teaching (Code 09133011)

**Package coordinators:** Dr JC van Heerden and Dr S Thuketana  
Tel: 012 420 5563/4007  
Email: judy.vanheerden@up.ac.za/susan.thuketana@up.ac.za

Module description	Module code	Credits			
		Y1	Y2	Y3	Y4
<b>Fundamental modules</b>					
Academic information management	AIM 101 or AIM 111, 121	6 8			
Literacies in education	JLZ 110, 120 or JLZ 111, 121	12			
Professional Practice	JFP 471				3
<b>Core modules</b>					
Education	OPV 112, 122 OPV 212, 222 OPV 312, 322	24	40	60	
Literacies in education	JLZ 300			12	
Research project	JNM 461, 464				24
Teaching practice	PRO 280 PRO 380 PRO 452, 453		6	6	56
Health and safety	JGV 210		6		
Foundation phase mathematics	JGS 121 JGS 211 JGS 212	6	12 12		
Literacy practices English or Afrikaans English or Afrikaans	JGL 110 JGL 200 or JGL 213 JGL 311 or JGL 313 JGL 461 JGL 464	6	12	6	6 6
Human movement studies	JMB 124	6			

Learning support	JLD 220		12		
ECD-studies	JVK 130	12			
Professional practice	JFP 111 JFP 451	6			12
Arts and culture	JLK 110, 120	12			
NS and technology	JST 320			12	
Life skills programme	JLP 220		12		
Methodology of learning support	JMD 351			6	
ECD-studies <b>or</b> Learning support	JVK 400 <b>or</b> JLD 400				24 24
<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 1 <sup>st</sup> or 2 <sup>nd</sup> additional language: ZUL 111, AFT 121 ZUL 211, AFT 220	24  24	40  40		
Sepedi	For beginners: SEP 110, 120 SEP 210, 220 For speakers of Sepedi as home language or 1 <sup>st</sup> or 2 <sup>nd</sup> additional language: SEP 111, AFT 121 SEP 211, AFT 220	24  24	40  40		
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	24  24	40  40		
IsiNdebele (Only for speakers of isiNdebele as a home language or first or second additional language)	NDE 110, AFT 121 NDE 210, AFT 220	24	40		

## 2.2 Intermediate Phase Teaching (Code 09133021)

**Package coordinators:** Dr G Genis and Ms C Jones  
Tel: 012 420 5547/ 5526  
Email: gerhard.genis@up.ac.za/cherese.jones@up.ac.za

Module description	Module code	Credits			
		Y1	Y2	Y3	Y4
<b>Fundamental modules</b>					
Academic information management	AIM 101 or AIM 111, 121	6 or 8			
Literacies in education	JLZ 110, 120 or JLZ 111, 121	12			
Professional Practice	JFP 471				3
<b>Core modules</b>					
Conversational Competence: One of: IsiZulu, or Sepedi, or Setswana (An exemption exam can be written)	CCZ 100, or CCI 100, or CCW 100	12			
Literacies in education	JLZ 300			12	

Education	OPV 112, 122 OPV 212, 222 OPV 312, 322	24	40	60	
Research project	JNM 461, 464				24
Teaching practice	PRO 280 PRO 380 PRO 452, 453		6	6	56
Professional studies	JPS 121	6			
Learning support (Students who choose Natural science or Design and technology as a specialisation module on third year level do not have to take JLD 320)	JLD 221 JLD 320		12	6	
Methodology of E-Learning	JLT 330			12	
Fundamental Mathematics Concepts (Not required if Mathematics is chosen as elective)	JWI 181	6			
Methodology of English first additional language	JME 210		6		
Basic economic and management sciences (Not required if Mathematics and Science and Technology are taken as full electives)	JLE 181	12			
<b>Elective modules</b> <b>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.</b> <b>If Intermediate Mathematics is chosen as an elective, all modules listed must be taken, the same applies for Natural Science and Design and Technology chosen as an elective combination.</b> <b>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.</b> <b>Modules are chosen according to the class timetable. NO TIMETABLE CLASHES ARE ALLOWED.</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	24  24	40  40		
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	24  24	40  40		
IsiNdebele (Only for speakers of isiNdebele as a home language or first or second additional language)	NDE 110, AFT 121 NDE 210, AFT 220	24	40		
Setswana	For beginners: STW 110, 120 STW 210, 220 For speakers of Setswana as home language or 1st or 2nd additional language: STW 111, AFT 121 STW 211, AFT 220	24  24	40  40		
Afrikaans	AFR 110, 120 AFR 214, 220 JAF 361	24	40	12	
English	ENG 110, 120 ENG 210, 220	24	40		

	JEN 361			12	
Intermediate mathematics	WTW 133, 143 JWI 210, 220 JWI 310, 320	16	24	40	
<b>JLD 320 and JLE 181 are not required if Mathematics is taken together with this elective.</b>					
Natural Science and Design and Technology	JWT 115, 125 JWT 230, JOT 240 JWT 315, 325	16	24	40	
<b>Students may only choose Art Education or Music Education or Life Orientation and Human Movement studies and Sport management as a second elective. All modules listed must be taken from first to second year level.</b>					
Art education	JKG 100, JKU 101 JKG 200, JKU 201	24	32		
Music education	<u>Beginners:</u> JMO 181, 182 <u>Advanced:</u> JMO 101, 102 JMO 201, 202, 203, 204	24 24	40		
Life orientation and Human movement studies and sport management (must be taken together)	JLO 110, 120 JLO 210, 220 and JMB 112, 113, 122, 123 JMB 212, 213, 222, 223	24 24	24 40		
<b>Social Sciences: Students choose either History or Geography at second- year level but take all listed first year modules.</b>					
<b>Geography</b> and History	GGY 156, 166 WKD 164, ENV 101 GES 110, 120 GGY 252, 266, GIS 221	16 16 24	48		
<b>History</b> and Geography	GES 110, 120 GGY 156, 166 WKD 164, ENV 101 GES 210, 220	24 16 16	40		
<b>Methodology of elective modules. Choose 2 methodologies in accordance with the electives modules chosen, of which one methodology must conform to the chosen language. The same methodologies will be taken on second-, third- and fourth-year level.</b>					
Methodology of Afrikaans	JMA 200, 300, 451, 454		6	6	6
Methodology of English	JME 200, 300, 451, 454		6	6	6
Methodology of IsiZulu	JZL 200, 300, 451, 454		6	6	6
Methodology of Sepedi	JSP 200, 300, 451, 454		6	6	6
Methodology of IsiNdebele	JND 200, 300, 451, 454		6	6	6
Methodology of Setswana	JSW 200, 300, 451, 454		6	6	6
Methodology of Geography	JMG 200, 300, 451, 454		6	6	6
Methodology of History	JMH 200, 300, 451, 454		6	6	6
Methodology of Art education	JMK 201, 301, 451, 454		6	6	6
Methodology of Music education	JMM 200, 300, 451, 454		6	6	6
Methodology of Life Orientation (JLO) and Physical Education (JMB)	JML 201, 301, 461, 464		6	6	6
Methodology of Intermediate Mathematics/ Mathematics	JMW 203, 300, 451, 454		6	6	6
Methodology of Science and Technology	JMN 204, 304, 451, 454		6	6	6



### 2.3 BEd Senior Phase and Further Education and Training Teaching (09133031)

**Package coordinators:**

**Languages and General package:**

Ms E van Wyk, email: elmarie.vanwyk@up.ac.za, tel: 012 420 5539 and

Ms D Human, email: delene.human@up.ac.za, tel: 012 420 5640

**Human Movement Sciences package:**

Ms A Botha, email: antoinette.botha@up.ac.za, tel: 012 420 5622

**Natural Sciences package:**

Ms C Coetzee, email: corene.coetzee@up.ac.za, tel: 012 420 5626 and

Dr H Botha, email: hanlie.botha@up.ac.za, tel: 012 420 5623

**Economic and Management Sciences package:**

Ms N Mhlanga, email: nontuthuzelo.mhlanga@up.ac.za, tel: 012 420 2766 and

Dr N Jaca, email: nosipho.jaca@up.ac.za, tel: 012 420 3340.

Module description	Module code	Credits			
		Y1	Y2	Y3	Y4
<b>Fundamental modules</b>					
Academic information management	AIM 101 or AIM 111, 121	6 8			
Literacies in education	JLZ 110,120 or JLZ 111, 121	12			
Professional Practice	JFP 471				3
<b>Core modules</b>					
Conversational competence: One of IsiZulu, Sepedi, Setswana (an exemption can be written)	CCZ 100 or CCI 100 or CCW100	12			
Education	OPV 112, 122 OPV 212, 222 OPV 312, 322	24	40	60	
Research project	JNM 461, 464				24
Teaching practice	PRO 280 PRO 380 PRO 452, 453		6	6	56
Professional studies	JPS 121	6			
Literacies in education	JLZ 300			12	
<b>Elective modules</b>					
<b>School subjects that is specific to only the Senior Phase. Students who choose one of these combinations must still take another elective to teach in the Further Education and Training phase. Modules are chosen according to the class timetable. NO TIMETABLE CLASHES ARE ALLOWED.</b>					
<b>Social Sciences: Students choose either History or Geography at second- year level but take all listed first year modules.</b>					
<b>Geography</b> and History	GGY 156, 166 WKD 164, ENV 101 GES 110, 120 GGY 252, 266, GIS 221	16 16 24	48		
<b>History</b> and Geography	GES 110, 120 GGY 156, 166 WKD 164, ENV 101 GES 210, 220	24 16 16	40		
Technology (All modules must be taken)	JOT 110, 120 JTT 110, 120 JOT 210, 220	24 24	40		

Natural Science and Design and Technology	JWT 115, 125 JWT 230, JOT 240 JWT 315, 325	16	24	40	
<b>Elective modules</b> School subjects that can be chosen as Senior Phase or FET Phase teaching electives. For the Senior Phase these modules should be taken up to second year level and for FET up to third year level. All modules must be taken, except where options are indicated. Modules are chosen according to the class timetable. NO TIMETABLE CLASHES ARE ALLOWED.					
Art Education	JKG 100, JKU 101 JKG 200, JKU 201 JKG 300, JKU 301	24	32	40	
Music Education	Beginners: JMO 181, 182 Prior music certificates: JMO 101, 102 JMO 201, 202, 203, 204 JMO 301, 302, 303, 304	24 24	40	44	
IsiZulu	For beginners: ZUL 110, 120 ZUL 210, 220 ZUL 310, AFT 320 For speakers of IsiZulu as a home language or 1st or 2nd additional language: ZUL 111, AFT 121 ZUL 211, AFT 220 ZUL 310, AFT 320	24 24	40 40	60 60	
Sepedi	For beginners: SEP 110, 120 SEP 210, 220 SEP 310, AFT 320 For speakers of Sepedi as home language or 1st or 2nd additional language: SEP 111, AFT 121 SEP 211, AFT 220 SEP 310, AFT 320	24 24	40 40	60 60	
IsiNdebele	For speakers of IsiNdebele as a home language or first or second additional language. NDE 110, AFT 121 NDE 210, AFT 220 NDE 310, AFT 320	24	40	60	
Setswana	For beginners: STW 110, 120 STW 210, 220 STW 310, AFT 320 For speakers of Setswana as a home language or 1st or 2nd additional language: STW 111, AFT 121 STW 211, AFT 220 STW 310, AFT 320	24 24	40 40	60 60	
Afrikaans	AFR 110, 120 AFR 214, 220 AFR 311, 321 *JAF 361 (JAF 361 may be taken in addition to AFR 311, 321)	24	40	60 12	

English	ENG 110, 120 ENG 210, 220 ENG 310, 320 *JEN 361 (*JEN 361 may be taken in addition to ENG 310, 320)	24	40	60	
Mathematics  A complete first year with JLW 312 and all Methodologies of Mathematics completes the SP elective. A complete second year with WTW 389 or JLW 312 and all Methodologies of Mathematics completes the FET elective.	WTW 114, 124 or WTW 133, 143, 153, 124  WTW 211, 218, 220, 248  WTW 389 or JLW 312	32 40	48	12	
<b>Compulsory combination</b> Life Orientation  and  Human Movement Studies and Sport Management (Students who choose these electives must take one up to third year and the other up to second year)  <i>First Aid (JNH 454) is compulsory for all students who take Human Movement Studies as elective up to 3<sup>rd</sup> year level.</i>	JLO 110, 120 JLO 210, 220 JLO 310, 320  JMB 112, 113, 122, 123 JMB 212, 213, 222, 223 JMB 312, 313, 322, 323  JNH 454	24  24	24  40	40  60	3
<b>Elective modules</b> <b>School subjects that is specific to the Further Education and Training Phase (FET). Another elective must be taken for SP from the other combinations listed above. All modules must be taken, except where options are indicated. Modules are chosen according to the class timetable. NO TIMETABLE CLASHES ARE ALLOWED.</b>					
<b>* All these Economic and Management Science modules are FET subjects. Students also need to choose a Senior Phase subject (to teach in Grades 7-9) as another elective up to 2<sup>nd</sup> year.</b>					
*Business Management	OBS 114, 124 OBS 210, 220	20	32	40	
*Heritage and cultural Tourism	EFK 110, 120 EFK 210, 220	24	40		
*Economics	EKN 110, 120 EKN 214, 234 (Prerequisite for EKN 214 and 234 is STK 110 and 120 passed)	20	32		
*Financial Accounting	FRK 111, 121 FRK 211, 221, INF 281	22	32		
Mathematical Literacy (JWG must be taken to 3 <sup>rd</sup> year level)	STK 113, 123 JWG 210, 220 JWG 310, 320	23	24	40	
Engineering Graphics and Design (JTT must be taken to 3 <sup>rd</sup> year level)	JTT 110, 120 JTT 230, 240 JTT 330, 340	24	24	40	
Geography	ENV 101, WKD 164 GGY 156, 166 GGY 252, 266, GIS 221	16 16	48		
History	GES 110, GES 120 GES 210, GES 220	24	40		

Life Sciences	CMY 117, 127 PHY 131 MLB 111 BOT 161 BOT 251, 261 GTS 161 ZEN161 ZEN 251, ZEN 261 JLS 310 WTW 134, 146, 148	32 16 16  8  8  32	8  8	24  24 12	
<b>Physical Sciences</b> *Choose between Chemistry and Physics at 2 <sup>nd</sup> year level, If Physics is chosen, then WTW 210, 220, 218 and 248 must be taken.	WTW 114, 124 *WTW 211, 218, 220, 248 JLW 312 CMY 117, 127 *CMY 282, 284, 283, 285 PHY 114, 124 *PHY 255, 263 JPC 310	32  32 32	48  48 48	12  12	
<b>After a Senior Phase and an FET specialisation have been chosen, a student may select only one of the following as an additional elective. All modules of the specialisation must be taken.</b>					
Psychology	SLK 110, 120	24			
Guidance and counselling (JVB must be taken up to 3 <sup>rd</sup> year level)	JVB 210, 220 JVB 301		24	40	
Religion studies (*Optional: will be presented only if student numbers are sufficient)	REL 110, 120 REL 210, 220 *REL 310, 320	24	40	60	
<b>Methodology of electives modules</b> <b>Choose at least two methodologies in accordance with the teaching specialisations. The same methodologies will be taken at second, third and fourth-year levels.</b>					
Methodology of Afrikaans	JMA 200, 300, 451, 454		6	6	6
Methodology of English	JME 200, 300, 451, 454		6	6	6
Methodology of IsiZulu	JZL 200, 300, 451, 454		6	6	6
Methodology of Sepedi	JSP 200, 300, 451, 454		6	6	6
Methodology of IsiNdebele	JND 200, 300, 451, 454		6	6	6
Methodology of Setswana	JSW 200, 300, 451, 454		6	6	6
Methodology of Geography	JMG 200, 300, 451, 454		6	6	6
Methodology of History	JMH 200, 300, 451, 454		6	6	6
Methodology of Music Education	JMM 200, 300, 451, 454		6	6	6
Methodology of Art	JMK 201, 301, 451, 454		6	6	6
Methodology of Mathematical Literacy	JMW 202, 302, 452, 455		6	6	6
Methodology of Mathematics	JMW 200, 300, 451, 454		6	6	6
Methodology of Sciences (Natural)	JMN 203, 304, 451, 454		6	6	6
Methodology of Life Sciences	JMN 203, 308, 452, 458		6	6	6
Methodology of Physical Sciences	JMN 203, 309, 453, 456		6	6	6
Methodology of Life Orientation and Physical Education	JML 201, 301, 461, 464		6	6	6
Methodology of Tourism	JMD 206, 306, 456, 466		6	6	6
Methodology of Business Studies	JMD 205, 305, 455, 465		6	6	6
Methodology of Economics	JMD 201, 301, 451, 461		6	6	6
Methodology of Accounting	JMD 203, 303, 453, 463		6	6	6
Methodology of Engineering Graphics and Design	JMC 201, JMT 304, 451, 454		6	6	6
Methodology of Technology	JMC 201, 300, 451, 454		6	6	6
Methodology of Computer Application Technology	JMC 201, JMI 300, 451, 454		6	6	6
Methodology of Information Technology	JMC 201, JMR 300, 451, 454		6	6	6
Methodology of Religion Studies	JMF 200, 300, 451, 454		6	6	6