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ALGEMENE KENNISGEWING

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STAATSDIENSBEURSSKEMA—
BEURSE VIR 1983

Doel

Die doel van die Staatsdiensbeursskema is om gekeurde kandidate in staat te stel om hulle vir betrekings in die toetreerange in die Staatsdiens te bekwaam.

Algemene inligting

Beurse van hoogstens R2 400 per jaar vir voltydse universiteitstudie word toegeken uit fondse van die Kommissie vir Administrasie en van die Departement van Landbou en Visserie in samewerking met verskeie beheerrade. Vir studie aan kolleges en teknikons is die maksimum beursgelde R1 500 per jaar. Beurse vir deeltydse studie, wat slegs vir beamptes in die Staatsdiens beskikbaar is, bedra hoogstens R700 per jaar vir universiteite uitgesonderd UNISA waar die beurse R540 per jaar beloop.

Maatstawwe vir toekenning

Die aantal beurse in elke rigting word bepaal deur die Staatsdiens se behoefte aan opgeleide personeel in die onderskeie rigtings en die fondse wat daarvoor beskikbaar is.

Applikante ding om beurse volgens meriete mee. Keuring vind plaas aan die hand van 'n voorafbepaalde puntestelsel gegronde hoofsaaklik op st. 10- en naskoolse studieprestaties. Byvoorbeeld, in die wedywing om beurse tussen nie-studente onderling (d.w.s. diegene wat reeds gematrikuleer is of wat aan die einde van 1982 gaan matrikuleer het maar aan die einde van 1982 nog geen toepaslike na-st. 10-eksamen afgelê het nie) sal dié applikante wat in die st. 10-eksamen met 'n gemiddelde persentasie van ten minste 60 slaag/geslaag het, voorkeur geniet bo dié nie-studente wat in genoemde eksamen minder as 60 persent behaal/behaal het.

GENERAL NOTICE

NOTICE 1619 OF 1982

PUBLIC SERVICE BURSARY SCHEME.—
BURSARIES FOR 1983

Purpose

The purpose of the Public Service Bursary Scheme is to enable selected candidates to equip themselves for positions in the entry grades in the Public Service.

General information

Bursaries are granted up to a maximum of R2 400 per annum for full-time university study from funds of the Commission for Administration and of the Department of Agriculture and Fisheries in collaboration with various boards of control. Bursaries of up to R1 500 per annum are granted for study at colleges and technikons. Bursaries for part-time study, which are available only to officers in the Public Service, amount to a maximum of R700 per annum for universities other than UNISA and to R540 per annum for UNISA.

Criteria for awards

The number of bursaries in each field is determined by the requirements of the Public Service in regard to trained personnel in the various fields and by the available funds.

Applicants compete for bursaries on merit. Selection takes place according to a predetermined system of marks based principally on Std 10 and post-school academic achievements. For example, in the competition for bursaries among non-students (i.e. persons who have already matriculated or who will matriculate at the end of 1982 but have at the end of 1982 not yet written any appropriate post-Std 10 examination), those applicants who pass/have passed the Std 10 examination with an aggregate of at least 60 per cent will be given preference over those non-students who pass/have passed the said examination with less than 60 per cent.

Vereistes

Applikante moet—

- (i) voornemens wees om 'n Staatsdiensloopbaan te volg;
- (ii) Suid-Afrikaanse burgers wees;
- (iii) na die mening van die Kommissie vir Administrasie in goeie gesondheid verkeer;
- (iv) in besit wees van minstens 'n st. 10-sertifikaat met Afrikaans en Engels as vakke (of voornemens wees om die betrokke eksamen aan die einde van 1982 af te lê);
- (v) die studies waarmee hulle besig is, aan die einde van 1982 met welslae voltooi en dus tot die daaropvolgende studiejaar (waar toepaslik) bevorder word; en
- (vi) waar die betrokke opvoedkundige inrigting dit as 'n vereiste stel, oor 'n universiteitstoelatingkwalifikasie beskik.

Wie aansoek kan doen

Die volgende kategorieë van persone kan aansoek doen:

Studente aan universiteite/kolleges/technikons wat reeds 'n gedeelte van 'n kursus voltooi het.

Leerlinge wat in 1981 of vroeër, die st. 10-sertifikaat verwerf het.

Leerlinge wat tans in st. 10 is en voornemens is om in 1983 hul studies aan 'n universiteit/kollege/teknikon voort te sit.

Kandidate wat vanaf 1983 voltydse militêre diensplig moet verrig en wat hul studies in 1985 wil voortsit, moet nie nou aansoek doen nie. Hulle moet op die publikasie van die kennisgewing in verband met Staatsdiensbeurse vir 1985 wag en kan gedurende Augustus/September 1984 aansoek doen.

Hoe om aansoek te doen

Aansoeke moet op Vorm KVA 95 (verkrygbaar van die Sekretaris, Kommissie vir Administrasie, Pretoria, en by alle universiteite en hoërskole) ingedien word en moet die Kantoor van die Kommissie vir Administrasie, Pretoria, nie later as 31 Oktober 1982 bereik nie.

Applikante moet die volgende dokumente by hul aansoeke insluit

(1) 'n Gewaarmerkte afskrif van 'n *amptelike staat van simbole* behaal in die st. 10-eindeksamen (L.W.—nie die st. 10-sertifikaat nie) indien die eksamen in 1981 of vroeër afgelê is; en

(2) 'n gewaarmerkte afskrif van 'n *volledige amptelike studierekord met simbole of eksamenpunte* behaal indien hulle reeds universiteitseksamens afgelê het.

Applikante wat reeds in diens van die Staat is, moet hul aansoek deur hul departementele hoofkantore indien.

Aansoeke sal oorweeg word slegs as die betrokke vorms behoorlik ingevul is en vergesel gaan van die beskikbare simbolestate. *Die uitslae en simbole ten opsigte van eksamens wat einde 1982 afgelê word, moet onmiddellik nadat dit beskikbaar is, deur applikante ingedien word.* (Kandidate wat in gebreke bly om aan hierdie voorskrif te voldoen, sal nie vir die toekenning van 'n beurs oorweeg word nie). Oorspronklike dokumente moet nie ingestuur word nie maar slegs gewaarmerkte afskrifte.

Dit is noodsaaklik dat voornemende kandidate, veral matriculante, die jaarboeke van die universiteit/kollege/teknikon waar hulle van voorneme is om te studeer, in verband met hulle voorgename leergange raadpleeg om te verseker dat die kursusse waarvoor die onderskeie beurse aangebied word, wel aan die betrokke inrigtings gevolg kan word.

Requirements

Applicants must—

- (i) intend to take up a career in the Public Service;
- (ii) be South African citizens;
- (iii) be in good health in the opinion of the Commission for Administration;
- (iv) be in possession of at least a Std 10 Certificate with English and Afrikaans as subjects (or intend to write the examination concerned at the end of 1982);
- (v) at the end of 1982 successfully complete the studies in which they are engaged and therefore be promoted to the next year of study (where applicable); and
- (vi) where the educational institution concerned so requires, be in possession of a university entrance qualification.

Candidates who may apply

The following categories of persons may apply:

Students at universities/colleges/technikons who have completed part of a course.

Scholars who obtained the Std 10 Certificate in 1981 or earlier.

Scholars who are at present in Std 10 and who intend furthering their studies at a university/college/teknikon in 1983.

Candidates who are required to undergo full-time military training from 1983 and who wish to further their studies in 1985 should not apply at this stage, but should await the publication of the notice in regard to Public Service bursaries for 1985 and may apply during August/September 1984.

How to apply

Applications must be submitted on Form KVA 95 (obtainable from the Secretary, Commission for Administration, Pretoria, and at all universities and high schools) and must reach the Office of the Commission for Administration, Pretoria, not later than 31 October 1982.

Applicants must forward the following documents with their applications

(1) A certified copy of an *official statement of symbols* obtained in the Std 10 final examination (N.B.—not the Std 10 Certificate) if the examination was written in 1981 or earlier; and

(2) a certified copy of a complete *official record of study together with symbols or examination marks* obtained if they have already written university examinations.

Applicants who are Government employees must submit their applications through their departmental head offices.

Applications will be considered only if the forms concerned have been duly completed and are accompanied by the statements of symbols available. *The results and symbols of examinations to be written at the end of 1982 must immediately they become available be submitted by applicants.* (Candidates who fail to comply with this directive will not be taken into consideration for the allotment of a bursary.) No original documents should be submitted but only certified copies.

It is imperative that prospective candidates, especially matriculants, consult the calendar for the university/college/teknikon where they intend to study in regard to their intended curricula in order to ensure that the courses for which the relevant bursaries are being offered can in fact be taken at the institution concerned.

Applications and enquiries should be addressed to The Secretary, Commission for Administration, Private Bag X121, Pretoria, 0001. (Room 2030, Transvaal House, corner of Vermeulen and Van der Walt Streets. Telephone 21-4411.)

Conditions

Successful applicants are required to take the prescribed courses of study and major subjects as laid down and to obtain the required qualifications within the minimum period laid down.

Since the scheme is aimed at augmenting Public Service personnel, candidates must be prepared to enter into an agreement with the Commission for Administration, or the board of control concerned, to serve the State or such board, as the case may be, after the successful completion of their studies, for one year in respect of each year during which the bursary was used.

Bursary holders who fulfil their service obligations will not be required to refund bursary moneys.

Payment of bursary moneys

Bursaries are granted for the minimum prescribed duration of a course (or minimum remaining prescribed duration where part of the course concerned has already been completed). Payments of bursary moneys are made direct to the university/college/technikon during April and are subject to satisfactory academic progress.

Training scheme for engineers

An applicant who wishes to make use of a Public Service bursary to qualify for a career as an engineer in the Public Service may submit his application for a Public Service bursary to the department/administration of his choice and at the same time apply for appointment as an allocated student in the department/administration concerned. The department/administration will then refer the application for a bursary to the Commission for Administration for consideration in competition with those of other applicants.

A person appointed as an allocated student will, during university vacations, serve in the department/administration concerned, where he will receive practical training to prepare him for his future task as a full-fledged engineer. To enable an allocated student to attend lectures full time at a university, his absence from duty will be covered by the granting of vacation leave without pay (or partly on pay, after he has earned such leave).

After completing his university training, an allocated student will remain in the service of the same department/administration, where he will be appointed Engineer.

An applicant may apply to any of the departments/administrations indicated below. The addresses of the departments/administrations concerned are as follows:

Department/Administration	Address
Agriculture and Fisheries	Private Bag X116, Pretoria, 0001.
Community Development	Private Bag X65, Pretoria, 0001.
Co-operation and Development	P.O. Box 384, Pretoria, 0001.
Transport	Private Bag X193, Pretoria, 0001.
Environment Affairs	Private Bag X313, Pretoria, 0001.
Provincial Administrations of—	
the Cape of Good Hope	P.O. Box 659, Cape Town, 8000.
Natal	Private Bag X9037, Pietermaritzburg, 3200.
the Orange Free State	P.O. Box 517, Bloemfontein, 9300.
the Transvaal	Private Bag X64, Pretoria, 0001.

Adres

Aansoek en navraag moet gerig word aan die Sekretaris, Kommissie vir Administrasie, Private Bag X121, Pretoria, 0001. (Kamer 2030, Transvaalhuis, hoek van Vermeulen en Vanderwalstraat. Telefoon 21-4411.)

Voorwaardes

Van die suksesvolle applikante sal verwag word om die voorgeskrewe studiekursusse en die voorgeskrewe hoofvakke te volg en die vereiste kwalifikasies in die voorgeskrewe minimum duur te verwerf.

Aangesien dit die oogmerk van die skema is om die personeel van die Staatsdiens aan te vul, moet die kandidaat bereid wees om ooreenkomste met die Kommissie vir Administrasie of die betrokke beheerraad aan te gaan om na die suksesvolle voltooiing van hul kursusse die Staat of die betrokke beheerraad, na gelang van die geval, te dien vir een jaar ten opsigte van elke jaar waarin die beurs benut is.

Beursgelde is nie terugbetaalbaar nie, mits die beurs-houers die vereiste diensverplichting nakom.

Uitbetaling van beursgelde

Beurse word toegeken vir die minimum voorgeskrewe duur van 'n kursus (of minimum oorblywende voorgeskrewe duur waar 'n gedeelte van die betrokke kursus reeds voltooi is). Die uitbetaling van beursgelde geskied direk aan die universiteit/kollege/technikon gedurende April en is onderworpe aan bevestigende akademiese vordering.

Opleidingskema vir ingenieurs

'n Applikant wat hom met behulp van 'n Staatsdiensbeurs vir 'n loopbaan as ingenieur in die Staatsdiens wil bekwaam, kan sy aansoek om 'n Staatsdiensbeurs by die departement/administrasie van sy keuse indien en terselfdertyd ook aansoek doen om aanstelling as 'n toegewese student in die betrokke departement/administrasie. Die departement/administrasie sal die aansoek om 'n beurs na die Kommissie vir Administrasie verwys vir oorweging in mededinging met die van ander applikante.

'n Persoon wat as toegewese student aangestel word, sal gedurende universiteitsvakansies in die betrokke departement/administrasie diens doen, waartydens hy, ter voorbereiding vir sy toekomstige taak as volwaardige ingenieur, praktiese opleiding sal ontvang. Ten einde 'n toegewese student in staat te stel om voltydse klasse aan 'n universiteit by te woon, sal sy afwesigheid van diens gedek word deur die toestaan van vakansieverlof sonder betaling (of gedeeltelik met betaling nadat hy reeds sodanige verlof verdien het).

Na voltooiing van sy universiteitsopleiding bly 'n toegewese student in diens van dieselfde departement/administrasie, waar hy dan as Ingenieur aangestel word.

'n Applikant kan by enige van die departemente/administrasies hieronder aangedui, aansoek doen. Die adresse van die betrokke departemente/administrasies is soos volg:

Departement/Administrasie	Adres
Gemeenskapsonwikkeling	Private Bag X65, Pretoria, 0001.
Landbou en Visserie	Private Bag X116, Pretoria, 0001.
Samewerking en Ontwikkeling	Posbus 384, Pretoria, 0001.
Vervoer	Private Bag X193, Pretoria, 0001.
Omgewingsake	Private Bag X313, Pretoria, 0001.
Provinsiale Administrasie van—	
die Kaap die Goeie Hoop	Posbus 659, Kaapstad, 8000.
Natal	Private Bag X9037, Pietermaritzburg, 3200.
die Oranje-Vrystaat	Posbus 517, Bloemfontein, 9300.
Transvaal	Private Bag X64, Pretoria, 0001.

Studierigtings waarvoor beurse beskikbaar is

Die studierigtings waarvoor beurse vir 1983 beskikbaar sal wees, word hieronder aangedui, met die onderskeie hoofvakke daarteenoor. Suksesvolle applikante kan na voltooiing van hul studies die betrekkinge beklee in die departemente/administrasies teenoor elke studierigting aangedui.

Fields of study for which bursaries are available

The fields of study for which bursaries for 1983 will be available are indicated below, with the various major subjects opposite each field. Successful applicants may, after completing their studies, occupy the posts in the departments/administrations indicated opposite each field of study.

VOORGRAADSE STUDIE

Nommer van studierigting	Studierigting en graad/diploma	Hoofvakke/Hooffrigting	Betrekking in die Staatsdiens waarin applikant na afstudering aangestel kan word	Departement/Administrasie waarin applikant na afstudering aangestel kan word
1	STAATSADMINISTRASIE <i>Personeeladministrasie</i> 'n Toepaslike driejarige baccalaureusgraad	Enige leergang sal oorweeg word, maar die volgende vakke sal voorkeur geniet: Publieke Administrasie/Staatsadministrasie Ekonomie Sielkunde/Bedryfsielkunde/Bedryf- en Personeelsielkunde/Personeelbestuur Sosiologie/Bedryfsosiologie Staatsleer Kommunikasiekunde Wysbegeerte/Filosofie Die leergang moet minstens een kursus in die tweede amptelike taal van die kandidaat (verkieslik die praktiese taalkursus) insluit. Die leergang moet verder verkieslik uit die volgende saamgestel word: (a) Die kursusse hierbo gemeld (b) Een van die volgende: Uitleg van Wette of Staats- en Administratiefreg of 'n ander aanvaarbare regskursus	Assistent-personeelbeampte	Verskeie departemente/administrasies
2	<i>Administrasie: Funksionele Terrein</i> 'n Toepaslike driejarige baccalaureusgraad	Enige leergang sal oorweeg word, maar die volgende vakke sal voorkeur geniet: Publieke Administrasie/Staatsadministrasie Ontwikkelingsadministrasie Ekonomie Staatsleer Sosiologie/Bedryfsosiologie Wysbegeerte/Filosofie Kommunikasiekunde Bedryfsielkunde/Bedryf- en Personeelsielkunde/ Personeelbestuur Sielkunde Een van die amptelike tale. Die leergang moet minstens een kursus in die tweede amptelike taal van die kandidaat (verkieslik die praktiese taalkursus) insluit. Die leergang moet verder verkieslik uit die volgende saamgestel word: (a) Die kursusse hierbo gemeld (b) Een van die volgende: Uitleg van Wette of Staats- en Administratiefreg of 'n ander aanvaarbare regskursus	Administratiewe Assistent Kadet: Staatsadministrasie Assistent-beplanner	Verskeie departemente/administrasies Kantoor van die Kommissie vir Administrasie Kantoor van die Eerste Minister

Nommer van studierigting	Studierigting en graad/diploma	Hoofvakke/Hoofrigting	Betrekking in die Staatsdiens waarin applikant na afstudering aangestel kan word	Departement/Administrasie waarin applikant na afstudering aangestel kan word
3	<i>Finansiële Administrasie</i> 'n Toepaslike driejarige baccalaureusgraad	Enige leergang sal oorweeg word, maar die volgende vakke sal voorkeur geniet: Rekeningkunde moet verkieslik 'n hoofvak wees. Indien dit nie moontlik is nie, moet ten minste een kursus in Rekeningkunde gevolg word. Ander vakke wat voorkeur sal geniet, is: Publieke Administrasie/Staatsadministrasie Ekonomie/Bedryfseconomie Handelsreg Kosteberekening Ouditkunde Sielkunde/Bedryfsielkunde/Bedryf- en Personeelsielkunde/Personeelbestuur Die leergang moet 'n kursus in Dataverwerking (oriënterings/inleidende kursus) en verkieslik 'n kursus in Staatsfinansies insluit	Administratiewe Assistent	Verskeie departemente/administrasies

AANSOEKE OM BEURSE IN VOORMELDE RIGTINGS MOET VERGESEL GAAN VAN 'N VOLLEDIGE UITEENSETTING VAN DIE HELE LEERGANG WAT DIE KANDIDAAT VOLG/VAN PLAN IS OM TE VOLG.

Nommer van studierigting	Studierigting en graad/diploma	Hoofvakke/Hoofrigting	Betrekking in die Staatsdiens waarin applikant na afstudering aangestel kan word	Departement/Administrasie waarin applikant na afstudering aangestel kan word
4	APTEKERSWESE (Slegs vanaf die tweede studiejaar) B.Sc. (Farmasie)/Diploma in Farmasie. (Geen beursgelde word gedurende die praktiese jaar uitbetaal nie. Van kandidate kan vereis word dat hulle hulle opleiding tydens hulle praktiese jaar in die Staatsdiens-deurloop.)	Soos deur universiteit/tegnikon voorgeskryf	Apteker	Gesondheid en Welsyn
5	ARBEIDSTERAPIE (Slegs vanaf die tweede studiejaar) B.Sc. (Arbeidsterapie)/B. Arbeidsterapie	Soos deur universiteit voorgeskryf	Arbeidsterapeut	Gesondheid en Welsyn
6	ARGITEKTUUR (Slegs vanaf die tweede studiejaar) B. in Argitektuur/B.Arch.	Soos deur universiteit voorgeskryf	Assistent-argitek	Gemeenskapsontwikkeling en die Provinsiale Administrasies van die Oranje-Vrystaat en Natal
7	ARGIEFWETENSKAP 'n Toepaslike baccalaureusgraad	Geskiedenis en Staatsadministrasie/Publieke Administrasie	Argivaris	Nasionale Opvoeding
8	BIBLIOTEEKWESE B. (Bibl.)/B.A. (Bibl.) of 'n toepaslike baccalaureusgraad plus die Hoër Diploma in Biblioteekwese	Soos deur universiteit voorgeskryf	Bibliotekaris	Nasionale Opvoeding en die Provinsiale Administrasies van die Oranje-Vrystaat, Transvaal en Natal

Nommer van studierigting	Studierigting en graad/diploma	Hoofvakke/Hooftrigting	Betrekking in die Staatsdiens waarin applikant na afstudering aangestel kan word	Departement/Administrasie waarin applikant na afstudering aangestel kan word
9 (a)	BOSBOU B.Sc. in Bosbou	Een van die volgende: (a) Boskunde (b) Boskunde/Natuurbewaring (c) Ontginning	Bosbouvak kundige	Omgewingsake
9 (b)	B.Sc. in Houtkunde	Houtkunde	Bosbouvak kundige	Omgewingsake
10	BOUREKENKUNDE B.Sc. in Bourekenkunde/B.Sc. (Q.S.) (Beurse van R2 400 per jaar is slegs vanaf die tweede studiejaar beskikbaar. Vanaf die tyd wanneer deeltydse studie onderneem moet word, kan kandidaat na toetrede tot die Staatsdiens om beurse van R700 per jaar aansoek doen om die kursus te voltooi)	Soos deur universiteit voorgeskryf	Assistent-bourekenaar	Gemeenskapsontwikkeling en die Provinsiale Administrasie van die Oranje-Vrystaat
11	DIEETKUNDE (Slegs vanaf die tweede studiejaar) B.Sc. in Dieetkunde (vierjaarkursus) B.Sc. in Dieetkunde (driejaarkursus) plus B.Sc. (Hons.) in Dieetkunde B.Sc. in Dieetkunde (driejaarkursus) plus Diploma in Hospitaaldieetkunde Baccalaureus in Voeding	Soos deur universiteit voorgeskryf	Voedingkundige	Gesondheid en Welsyn
12	DIPLOMATIEKE EN INLIGTINGSDIENS 'n Toepaslike baccalaureusgraad (Kandidaat moet bereid wees om 'n psigometriese toets af te lê en voor 'n keurkomitee te verskyn alvorens beurse toegeken word)	Hoë prioriteit: Staatsleer Internasionale politiek Ekonomie Lae prioriteit: Afrika studie Ontwikkelingsadministrasie Kommunikasiekunde Joernalistiek Geskiedenis Volkekunde Tale Regte	Buitelandse Diensbeampte/Inligtingsbeampte	Buitelandse Sake en Inligting
13	FISIOTERAPIE (Slegs vanaf die tweede studiejaar) B.Sc. (Fisioterapie)/B. Fisioterapie	Soos deur universiteit voorgeskryf	Fisioterapeut	Gesondheid en Welsyn (sluit nie hospitale onder die beheer van die provinsiale administrasies in nie)
14	GENEESKUNDE (Slegs vanaf die tweede studiejaar) M.B. Ch.B./M.B., B.Ch. (Geen beursgelde word gedurende die internjaar uitbetaal nie. Van kandidaat kan vereis word dat hulle hul internskap in die Staatsdiens deurloop)	Soos deur universiteit voorgeskryf	Mediese Beampte/Distrikgeneesheer	Gesondheid en Welsyn (sluit nie hospitale onder die beheer van die provinsiale administrasies in nie)

Nommer van studierigting	Studierigting en graad/diploma	Hoofvakke/Hooftrigting	Betrekking in die Staatsdiens waarin applikant na afstudering aangestel kan word	Departement/Administrasie waarin applikant na afstudering aangestel kan word
15	GEOFISIKA B.Sc. <i>plus</i> B.Sc. (Hons.) in Geofisika	Fisika of Geofisika is 'n verpligte hoofvak. Minstens een verdere hoofvak moet uit die volgende gekies word: Geologie Toegepaste Wiskunde Wiskunde Rekenaarwetenskap (Die leergang moet minstens een kursus in Geologie insluit en kandidate wat 'n kursus in Rekenaarwetenskap aanbied, sal voorkeur geniet)	Geofisikus	Mineraal- en Energiesake
16	GEOHIDROLOGIE B.Sc. <i>plus</i> B.Sc. (Hons.) in Geofisika/Toegepaste Geofisika	Fisika of Toegepaste Fisika is 'n verpligte hoofvak. Minstens een verdere hoofvak moet uit die volgende gekies word: Geologie Toegepaste Wiskunde (Die leergang moet minstens een kursus in Geologie insluit. Voorkeur word gegee aan kandidate wat een kursus in Rekenaarwetenskap volg)	Hidroloog	Omgewingsake
17	B.Sc. <i>plus</i> B.Sc. (Hons.) in Geologie of Geografie (Albei moet geohidrologies georiënteer wees) (Hons. alleenlik by die Universiteit van die O.V.S.)	Geologie as verpligte hoofvak <i>plus</i> een verdere hoofvak gekies uit die volgende: Fisika Geofisika Toegepaste Wiskunde Wiskunde Chemie Geochemie Geografie (geohidrologies) (Die leergang moet minstens Fisika I en Wiskunde I insluit. Voorkeur word gegee aan kandidate wat 'n kursus in Rekenaarwetenskap en/of Wiskundige Statistiek by hul leergang insluit)	Hidroloog	Omgewingsake
18	B.Sc. <i>plus</i> B.Sc. (Hons.) in Geohidrologie (Hons. alleenlik by die universiteit van die O.V.S.)	Geologie en Geohidrologie (Die leergang moet minstens Fisika II, Wiskunde II en Chemie I vir die B.Sc.-graad insluit)	Hidroloog	Omgewingsake
19	GEOLOGIE B.Sc. <i>plus</i> B.Sc. (Hons.) in Geologie of B.Sc. Mynbougeologie	Geologie <i>plus</i> een van die volgende: Chemie Wiskunde Fisika Aardrykskunde Geochemie	Geoloog (Regionale Geologie en Delfstowwe)	Mineraal- en Energiesake
20	B.Sc. <i>plus</i> B.Sc. (Hons.) in Geologie	Geologie en Rekenaarwetenskap vir die B.Sc.-graad	Geoloog (Inligting en Delfstowwe)	Mineraal- en Energiesake
21	B.Sc. <i>plus</i> B.Sc. (Hons.) in Ingenieursgeologie	Geologie <i>plus</i> minstens een van die volgende vir die B.Sc.-graad: Wiskunde Toegepaste Wiskunde Fisika Chemie	Geoloog (Ingenieursgeologie—Dam- en Ondergrondse ondersoeke)	Mineraal- en Energiesake

Nommer van studierigting	Studierigting en graad/diploma	Hoofvakke/Hooftrigting	Betrekking in die Staatsdiens waarin applikant na afstudering aangestel kan word	Departement/Administrasie waarin applikant na afstudering aangestel kan word
22	B.Sc. <i>plus</i> B.Sc. (Hons.) in Ingenieursgeologie	Geologie <i>plus</i> minstens een van die volgende vir die B.Sc.-graad: Wiskunde Toegepaste Wiskunde Fisika Aardrykskunde/Geografie Bodemkunde	Geoloog (Ingenieursgeologie—Stedelike ondersoeke)	Mineraal- en Energiesake
23	B.Sc. of B.Econ. of B.A. (Vergelyk studierigting No. 31)	Geologie en Ekonomie	Assistent-mineraalekonom	Mineraal- en Energiesake
24	HANDELS- EN EKONOMIESE WETENSKAPPE B.Com. <i>plus</i> B.Com. (Hons.) in Ekonomie	Ekonomie <i>plus</i> een of meer van die volgende: Statistiek Ekonomie Wiskundige Statistiek Rekeningkunde Bedryfsekonomie Landbou-ekonomie	Assistent-beplanner	Kantoor van die Eerste Minister
25	B.Econ. en B.Econ. (Hons.)	Bedryfsekonomie en Ekonomiese Geografie	Assistent-beplanner	Kantoor van die Eerste Minister
26	'n Toepaslike baccalaureusgraad	Ekonomie en Rekeningkunde	Assistent- Finansiële Beampte	Finansies
27	.....	Ekonomie of Bedryfsekonomie <i>plus</i> Rekeningkunde II OF Rekeningkunde <i>plus</i> Ekonomie II OF Rekeningkunde <i>plus</i> Bedryfsekonomie II	Assistent- Finansiële Beampte	Finansies
28	.....	Bedryfsielkunde en of Personeelbestuur of Bedryfsosiologie <i>plus</i> minstens een kursus in een van die volgende: Bedryfsekonomie Ekonomie Statistiek	Vakkundige Beampte	Mannekrag
29	.....	Ekonomie <i>plus</i> een van die volgende: Statistiek Ekonomie Bedryfsekonomie	Vakkundige Beampte	Mannekrag
30	.....	Statistiek <i>plus</i> een of meer kursusse in Ekonomie of Bedryfsekonomie OF Ekonomie <i>plus</i> een of meer kursusse in: Statistiek Bedryfsekonomie Wiskundige Statistiek	Vakkundige Beampte	Mannekrag
31	(Vergelyk studierigting No. 23.)	Ekonomie en Geologie	Assistent-mineraalekonom	Mineraal- en Energiesake
32	.....	Enige twee van die volgende: Ekonomie Bedryfsekonomie Bemarking Rekeningkunde	Vakkundige Beampte (Ekonomie) Vakkundige Beampte (Koöperasies)	Nywerheidswese Handel en Toerisme sowel as Samewerking en Ontwikkeling

Nommer van studie- rigting	Studierigting en graad/diploma	Hoofvakke/Hoofdrigting	Betrekking in die Staatsdiens waarin applikant na afstudering aangestel kan word	Departement/Administrasie waarin applikant na afstudering aangestel kan word
33		Bedryfseconomie en Rekeningkunde <i>plus</i> soveel kursusse moontlik in: Statistiek Ekonomie Rekenaarwetenskap	Vakkundige Beampte (Bedryfsekonoom)	Omgewingsake
34		Bedryfseconomie en Ekonomie <i>plus</i> soveel kursusse moontlik in: Statistiek Rekeningkunde Rekenaarwetenskap	Vakkundige Beampte (Bedryfsekonoom)	Omgewingsake
35		Rekeningkunde en Ouditkunde (Indien een van die vakke nie as 'n tweede hoofvak aangebied kan word nie, moet soveel kursusse moontlik daarin aangebied word.) 'n Alternatiewe hoofvak kan uit die volgende gekies word: Publieke Administrasie/Staatsadministrasie Ekonomie Bedryfseconomie Die leergang moet verder verkieslik 'n kursus in Inkomstebelasting en/of Kosteberekening insluit.	Administratiewe Assistent	Kantoor van die Ouditeur-generaal
36		Enige twee van die volgende: Wiskunde Ekonomie Rekeningkunde Statistiek	Vakkundige Beampte	Statistiek
37	'n Toepaslike driejarige baccalaureusgraad	Enige twee van die volgende: Rekenaarwetenskap Ekonomie Bedryfseconomie	Vakkundige Beampte (Ekonomie)	Landbou en Visserye
38		Ekonomie of Bedryfseconomie <i>plus</i> Rekeningkunde II en Handelsreg I	Vakkundige Beampte (Ekonomie)	Landbou en Visserye
39		Ekonomie en Bedryfseconomie <i>plus</i> Statistiek II	Vakkundige Beampte (Ekonomie)	Landbou en Visserye
40		Ekonomie en Statistiek	Vakkundige Beampte (Ekonomie)	Landbou en Visserye

HIDROLOGIE.—Indien verkies, mag 'n leergang saamgestel word uit vakkeuse vanuit die verskillende onderafdelings van studierigtings No. 41 en 42, in welke geval die studierigtingnommer volgens die vakkeuse aangedui moet word, bv. 41 (a) en 42 (b).

L.W.—Die vak Hidrologie kan slegs aan die Universiteit van die Oranje-Vrystaat en Rhodes-universiteit gevolg word.

Daar kan van beurshouers verlang word om minstens een keer per jaar gedurende universiteitsvakansies in die Hidrologiese Navorsingsinstituut diens te doen (teen vergoeding) om die praktiese ondervinding op te doen wat hulle as toekomstige hidroloë in die navorsingsafdeling van die Departement nodig het.

Nommer van studierigting	Studierigting en graad/diploma	Hoofvakke/Hoofrigting	Betrekking in die Staatsdiens waarin applikant na afstudering aangestel kan word	Departement/Administrasie waarin applikant na afstudering aangestel kan word
41	Hidrologie (Oppervlakwater) B.Sc. <i>plus</i> B.Sc. (Hons.)	Minstens twee van die volgende as hoofvakke <i>plus</i> minstens een van die volgende as byvak vir die B.Sc.-graad. Een van die hoofvakke moet vir die Hons.-graad gevolg word. (a) <i>Hoogste prioriteit:</i> Hidrologie Wiskundige Statistiek Toegepaste Wiskunde Fisika Rekenaarwetenskap Operasionele Navorsing (b) <i>Laer prioriteit:</i> Wiskunde Chemie Geografie Geologie	Hidroloog	Omgewingsake
42	Hidrologie (Navorsing) B.Sc. <i>plus</i> B.Sc. (Hons.)	Minstens twee van die volgende as hoofvakke <i>plus</i> minstens een van die volgende as byvak vir die B.Sc.-graad. Een van die volgende ses vakke moet vir die Honneurs-graad gevolg word: Chemie Statistiek Rekenaarwetenskap Limnologie (UOVS of Rhodes) Aardrykskunde of Hidrologie (UOVS, Rhodes of Universiteit van Natal) (a) <i>Hoogste prioriteit:</i> Chemie Fisika Wiskundige Statistiek Rekenaarwetenskap (b) <i>Laer prioriteit:</i> Hidrologie Mikrobiologie Grondkunde Biometrie Geografie Geologie Biochemie Geochemie (c) <i>Laagste prioriteit:</i> Toegepaste Wiskunde Wiskunde Operasionele Navorsing	Hidroloog	Omgewingsake

Nommer van studierigting	Studierigting en graad/diploma	Hoofvakke/Hooftrigting	Betrekking in die Staatsdiens waarin applikant na afstudering aangestel kan word	Departement/Administrasie waarin applikant na afstudering aangestel kan word
	INGENIEURSWESE <i>L.W.—Kyk die opleidingskema vir ingenieurs soos hierbo (bl. 3) verduidelik</i>			
43	B.Sc. (Ing.)/B. Ing. (Bedryfsingenieurswese) (Slegs vanaf die tweede studiejaar)	Soos deur universiteit voorgeskryf	Assistent-beplanner	Kantoor van die Eerste Minister
44	B.Sc. (Ing.)/B. Ing. (Chemies) (Slegs vanaf die tweede studiejaar)	Soos deur universiteit voorgeskryf	Ingenieur	Omgewingsake
45	B.Sc. (Ing.)/B. Ing. (Elektrotegnies/Elektries—Swaarstroom)	Soos deur universiteit voorgeskryf	Ingenieur	Omgewingsake, Gemeenskapsontwikkeling, Samewerking en Ontwikkeling, Vervoer en die Provinsiale Administrasie van die Oranje-Vrystaat
46	B.Sc. (Ing.)/B. Ing. (Elektrotegnies/Elektronies—Swakstroom) (Slegs vanaf die tweede studiejaar)	Soos deur universiteit voorgeskryf	Ingenieur	Omgewingsake, Landbou en Visserie en Vervoer
47 (a)	B.Sc. (Ing.)/B. Ing. (Landbou)	Soos deur universiteit voorgeskryf	Ingenieur/Landbounavorser (Lektor)	Landbou en Visserie
47 (b)	.....	Soos deur universiteit voorgeskryf	Ingenieur	Samewerking en Ontwikkeling
48	B.Sc. (Ing.)/B. Ing. (Meganies/Werktuigkundig)	Soos deur universiteit voorgeskryf	Ingenieur/Inspekteur van Masjinerie/Eerste Skeepsopnemer (Meganies)	Mineraal- en Energiesake, Omgewingsake, Gemeenskapsontwikkeling, Landbou en Visserie, Samewerking en Ontwikkeling, Vervoer en die Provinsiale Administrasies van die Kaap die Goeie Hoop, Natal, die Oranje-Vrystaat en Transvaal
49	B.Sc. (Ing.)/B. Ing. (Meganies) plus Hons. (Marine)	Soos deur universiteit voorgeskryf	Eerste Skeepsopnemer (Meganies)	Vervoer
50	B.Sc. (Ing.)/B. Ing. (Meganies) (Lugvaartkunde)	Soos deur universiteit voorgeskryf	Ingenieur	Vervoer
51	B.Sc. Ing./B. Ing. (Mynbou)	Soos deur universiteit voorgeskryf	Assistent-inspekteur (Myne)	Mineraal- en Energiesake
52	B.Sc. Ing./B. Ing. (Mynopmeting)	Soos deur universiteit voorgeskryf	Mynopmeter	Mineraal- en Energiesake
53	B.Sc. (Ing.)/B. Ing. (Siviel)	Soos deur universiteit voorgeskryf	Ingenieur	Omgewingsake, Gemeenskapsontwikkeling, Landbou en Visserie, Samewerking en Ontwikkeling, Vervoer en die Provinsiale Administrasies van die Kaap die Goeie Hoop, Natal, die Oranje-Vrystaat en Transvaal
	LANDBOU <i>Vierjaar- of vyfjaarkursus</i> Die vierjaarkursus behels die B.Sc. (Landbou)-/B.Sc. (Agric.)-kursus. Die vyfjaarkursus behels die B.Sc. (Landbou)-/B.Sc. (Agric.)-kursus plus die B.Sc. (Landbou) (Hons.)/B.Sc. (Agric.) (Hons.)-kursus. Kandidate moet aandui of hulle die 4-jaarkursus of 5-jaarkursus wil volg. Kandidate wat in gebreke bly om so 'n aanduiding te gee, sal oorweeg word vir die 4-jaarkursus.			
54 (a)	.....	Agronomie/Akkerbou/Plantproduksie	Landbounavorser	Landbou en Visserie
54 (b)	.....	Agronomie/Akkerbou/Plantproduksie	Landbouvoorligter	Landbou en Visserie

Nommer van studierigting	Studierigting en graad/diploma	Hoofvakke/Hoofrigting	Betrekking in die Staatsdiens waarin applikant na afstudering aangestel kan word	Departement/Administrasie waarin applikant na afstudering aangestel kan word
55		Agronomie/Akkerbou/Plantproduksie	Landbou-adviseur	Samewerking en Ontwikkeling
56		Biometrie	Landboubiometrikus	Landbou en Visserie
57		Enige landbou-rigting <i>plus</i> een of meer kursusse in Biometrie en Rekenaarwetenskap	Landboudatametriks	Landbou en Visserie
58		Chemie en/of Fisika	Landbounavorser	Landbou en Visserie
59 (a)		Entomologie/Insektekunde	Landbounavorser (Lektor)	Landbou en Visserie
59 (b)		Entomologie/Insektekunde	Landbounavorser (Insektekunde)	Landbou en Visserie
60 (a)		Grondkunde	Landbounavorser	Landbou en Visserie
60 (b)		Grondkunde	Landbouvorigter	Landbou en Visserie
60 (c)		Grondkunde	Landbounavorser (Lektor)	Landbou en Visserie
60 (d)		Grondkunde met soveel kursusse as wat toegelaat word in Geologie en Rekenaarwetenskap	Landbounavorser	Landbou en Visserie
60 (e)		Grondkunde met soveel kursusse as wat toegelaat word in Chemie en Geologie	Landbounavorser	Landbou en Visserie
60 (f)		Grondkunde met soveel kursusse wat toegelaat word in Fisika en Plantfisiologie	Landbounavorser	Landbou en Visserie
60 (g)		Grondkunde	Landbou-adviseur	Samewerking en Ontwikkeling
61 (a)		Landbou-ekonomie <i>plus</i> Ekonomie of Bedryfseconomie	Landbounavorser	Landbou en Visserie
61 (b)		Landbou-ekonomie <i>plus</i> Ekonomie of Bedryfseconomie	Landbou-adviseur	Samewerking en Ontwikkeling
62 (a)		Landbou-ekonomie en Ekonomie	Landbounavorser (Lektor)	Landbou en Visserie
62 (b)		Landbou-ekonomie en Ekonomie	Landbou-adviseur (Bemarking)	Samewerking en Ontwikkeling
62 (c)		Landbou-ekonomie en Ekonomie	Landbou-adviseur (Ekonomiese Ondersoek)	Samewerking en Ontwikkeling
63		Landbouweerkunde met Wiskunde	Landbounavorser	Landbou en Visserie
64 (a)		Plantpatologie/Plantsiekte/kunde/Plantsiekteleer	Landbounavorser	Landbou en Visserie
64 (b)		Plantpatologie/Plantsiekte/kunde/Plantsiekteleer	Landbounavorser (Lektor)	Landbou en Visserie
65 (a)		Tuinbou/Tuinboukunde/Hortologie	Landbounavorser (Tuinbou)	Landbou en Visserie
65 (b)		Tuinbou/Tuinboukunde/Hortologie	Landbouvorigter	Landbou en Visserie
65 (c)		Tuinbou/Tuinboukunde/Hortologie	Landbounavorser (Lektor)	Landbou en Visserie
65 (d)		Tuinbou/Tuinboukunde/Hortologie	Landbou-adviseur	Samewerking en Ontwikkeling
66 (a)		Veekunde/Vee-teelt/Diereproduksie	Landbounavorser (Veekunde)	Landbou en Visserie
66 (b)		Veekunde/Vee-teelt/Diereproduksie	Landbouvorigter	Landbou en Visserie
67	B.Sc. Agric. <i>plus</i> Hons	Agronomie/Akkerbou/Plantproduksie of Veekunde/Diereproduksie	Landbou-adviseur	Samewerking en Ontwikkeling
68 (a)		Weidingsleer/Akkerbou en Weiding/Plantproduksie	Landbounavorser	Landbou en Visserie
68 (b)		Weidingsleer/Akkerbou en Weiding/Plantproduksie	Landbouvorigter	Landbou en Visserie
69		Ekonomie <i>plus</i> een van die volgende: Chemie Wingerdbou Pomologie Veekunde Gewasproduksie	Landboubedryfsvoorligter	Landbou en Visserie
70 (a)		Landbouproduksie	Landbouvorigter	Landbou en Visserie
70 (b)		Landbouproduksie	Landbounavorser (Lektor)	Landbou en Visserie
71	B.Sc. (Voedselwetenskap) (vierjaarkursus)	Soos deur universiteit voorgeskryf	Vakkundige Beampte (Verwerkte Produkte)	Landbou en Visserie

Nommer van studierigting	Studierigting en graad/diploma	Hoofvakke/Hooftrigting	Betrekking in die Staatsdiens waarin applikant na afstudering aangestel kan word	Departement/Administrasie waarin applikant na afstudering aangestel kan word
72	LANDMEETKUNDE B.Sc. (Landmeetkunde)/baccalaureusgraad in Landmeetkunde (4-jaarkursus)	Soos deur universiteit voorgeskryf	Landmeter	Omgewingsake en Gemeenskapsontwikkeling
73	LANDSKAPARGITEKTUUR B. in Landskapargitektuur/B.L. (Gedurende die vierde studiejaar kan kandidate na toetrede tot die Staatsdiens om beurse van R700 per jaar aansoek doen om die graadkursus te voltooi.)	Soos deur universiteit voorgeskryf	Landskapargitek	Omgewingsake
74	MAATSKAPLIKE WERK B.A.(S.W.)/B.A.(M.W.)/B.Soc.Sc. (M.W.)	Soos deur universiteit voorgeskryf	Maatskaplike Werker	Gesondheid en Welsyn, en Samewerking en Ontwikkeling
75	MONDHIGIËNE Diploma in Mondhigiëne (2-jaarkursus)	Soos deur universiteit voorgeskryf	Mondhigiënis	Gesondheid en Welsyn

ONDERWYS.—Vir skole wat onder die direkte beheer van die Departement van Nasionale Opvoeding ressorteer, d.w.s. uitgesonderd gewone hoërskole of laerskole wat onder die provinsiale onderwysdepartemente ressorteer. Poste van lektor bestaan by die kolleges onder die direkte beheer van die Departement van Nasionale Opvoeding.

Nommer van studierigting	Studierigting en graad/diploma	Hoofvakke/Hooftrigting	Betrekking in die Staatsdiens waarin applikant na afstudering aangestel kan word	Departement/Administrasie waarin applikant na afstudering aangestel kan word
76	B.A. <i>plus</i> Onderwysdiploma/B.A. Ed.	Sielkunde <i>plus</i> een van die volgende: Afrikaans Engels 'n Ander skoolvak	Sielkundige/Onderwyser(es)	Nasionale Opvoeding
77	B.Com. <i>plus</i> Onderwysdiploma/B.Com. Ed.	Twee van die volgende: Ekonomie Wiskunde Rekeningkunde Bedryfseconomie Rekenaarwetenskap	Onderwyser(es)/Lektor (Lektiese)	Nasionale Opvoeding
78	B.Bibl. Ed.(vierjaarkursus)	Biblioteekkunde (Opvoedkunde)	Onderwyser(es) (Bronnesentrum)	Nasionale Opvoeding
79	Diploma in Spesialiseringsonderwys (Skoolbiblioteekkunde)	Biblioteekkunde (Opvoedkunde)	Onderwyser(es) (Bronnesentrum)	Nasionale Opvoeding
80	Onderwysdiploma (driejaarkursus) in Kleuteropvoeding	Soos voorgeskryf	Onderwyseres	Nasionale Opvoeding
81	Hoër Onderwysdiploma: Handelsvakke (Sekretariele)	Tik <i>plus</i> twee van die volgende: Snelskrif Shorthand Rekeningkunde Bedryfseconomie	Lektiese	Nasionale Opvoeding
82	B.Sc. <i>plus</i> Hoër Onderwysdiploma/B.Sc. Ed.	Fisiologie	Lektor/Onderwyser(es)	Nasionale Opvoeding
83	B.Sc. <i>plus</i> Hoër Onderwysdiploma/B.Sc. Ed.	Minstens twee van die volgende: Wiskunde Fisika Chemie	Onderwyser(es)/Lektor/Lektiese	Nasionale Opvoeding
84	B. in Huishoudkunde (Ed.)/B.Sc. in Huishoudkunde (Onderwyskeuse)	Soos deur universiteit voorgeskryf	Onderwyseres/Lektiese	Nasionale Opvoeding
85	B.Mus. <i>plus</i> Hoër Onderwysdiploma	Klavier	Onderwyser(es)	Nasionale Opvoeding

ONDERWYS—BUITENGEWOON.—Vir skole wat onder die indirekte beheer van die Departement van Nasionale Opvoeding ressorteer, d.w.s. uitgesonderd gewone hoër- of laerskole wat onder die provinsiale onderwysdepartemente ressorteer. Persone wat om beurse in ondergenoemde onderwysrigtings aansoek doen, moet by die studierigting op die aansoekvorm meld: "Vir staatsondersteunde skole vir buitengewone onderwys". Van sodanige applikante sal verwag word om na voltooiing van hulle studies by 'n skool vir dowes, hardhorendes, blindes, swaksindes, epileptici, serebraalverlamdes of liggaamlik gestremdes wat onder die indirekte beheer van die Departement van Nasionale Opvoeding ressorteer, in diens te tree.

Nommer van studierigting	Studierigting en graad/diploma	Hoofvakke/Hoofrigting	Betrekking in die Staatsdiens waarin applikant na afstudering aangestel kan word	Departement/Administrasie waarin applikant na afstudering aangestel kan word
86	B.A. (Liggaamlike Opvoeding) <i>plus</i> Onderwysdiploma	Liggaamlike Opvoeding <i>plus</i> een van die volgende vir die B.A.-graad:	Onderwyser(es)	Nasionale Opvoeding
87	B.A. <i>plus</i> Onderwysdiploma/B.A.Ed.	Afrikaans of Engels	Onderwyser(es)	Nasionale Opvoeding
88	B.-graad in Onderwys vir die primêre skool (vierjaarkursus)	Afrikaans en Engels	Onderwyser(es)	Nasionale Opvoeding
	Diploma/Graad (Paramedies)	Soos deur universiteit voorgeskryf		
89	Arbeidsterapie	Soos deur universiteit voorgeskryf	Terapeut	Nasionale Opvoeding
90	Fisioterapie	Soos deur universiteit voorgeskryf	Terapeut	Nasionale Opvoeding
91	Spraakterapie/Logopedika	Soos deur universiteit voorgeskryf	Terapeut	Nasionale Opvoeding
92	ONTWIKKELINGSDIENS 'n Toepaslike baccalaureusgraad (Slegs manlike kandidaat)	Ekonomie <i>plus</i> een van die volgende: Bedryfseconomie Bedryfsadministrasie Landbou-ekonomie Ontwikkelingsadministrasie Publieke Administrasie	Assistent-ontwikkelingsadviseur	Buitelandse Sake en Inligting
93	REKENAARWETENSKAP B.Sc.	Rekenaarwetenskap en Wiskunde	Assistent-programmeerder/Programmeerder	Omgewingsake, Provinsiale Administrasies van Natal, die Kaap die Goeie Hoop en die Oranje-Vrystaat
94	REGTE LL.B. (Slegs vir die finale studiejaar)	Soos deur universiteit voorgeskryf	Staatsaanklaer/Staatsadvokaat Assistent-staatsprokureur Staatsregsadviseur	Justisie
95	B.Iuris (Kandidaat moet na afstudering onmiddellik voltyds in die Staatsdiens diens aanvaar)	Soos deur universiteit voorgeskryf	Landdros Staatsaanklaer	Justisie
96	STAD- EN STREEKBEPLANNING 'n Toepaslike baccalaureusgraad (4-jaarkursus)	Soos deur universiteit voorgeskryf	Assistent-beplanner/Stad- en Streekbeplanner	Gemeenskapsontwikkeling, Kantoor van die Eerste Minister, Samewerking en Ontwikkeling en die Provinsiale Administrasies van Transvaal, Natal en die Oranje-Vrystaat
97 (a)	SUIWER NATUURWETENSKAPPE (Kyk asseblief ook studierigting No. 41 en 42)			
97 (b)	B.Sc.	Chemie en Fisika of Biochemie	Vakkundige Beampte	Gesondheid en Welsyn
98	B.Sc.	Chemie en Fisika	Inspekteur van Beroepsveiligheid	Mannekrag
99		Chemie en Biochemie	Vakkundige Beampte (Biochemie)	Gesondheid en Welsyn
		Dierkunde en Fisika	Vakkundige Beampte (Elektronmikroskopie)	Gesondheid en Welsyn
100		Immunologie	Vakkundige Beampte (Immunologie)	Gesondheid en Welsyn

Nommer van studierigting	Studierigting en graad/diploma	Hoofvakke/Hoofrigting	Betrekking in die Staatsdiens waarin applikant na afstudering aangestel kan word	Departement/Administrasie waarin applikant na afstudering aangestel kan word
101	.....	Statistiek en Wiskunde	Vakkundige Beamppte (Biostatistiek)	Gesondheid en Welsyn
102	B.Sc. <i>plus</i> B.Sc. (Hons.) in Chemie	Chemie <i>plus</i> een van die volgende: Fisika Wiskunde Toegepaste Wiskunde	Chemikus	Mineraal- en Energiesake
103	.....	Chemie en Rekenaarwetenskap	Chemikus	Mineraal- en Energiesake
104	B.Sc.	Chemie <i>plus</i> een van die volgende: Fisika Mikrobiologie Ekologie Geologie	Waterbesoedelingsbeheerbeamppte	Omgewingsake
105	B.Sc. (3-jaarkursus)	Voedselwetenskap of Chemie <i>plus</i> Biochemie	Vakkundige Beamppte	Landbou en Visserye
106	B.Sc. <i>plus</i> B.Sc (Hons.)	Enige hoofvakke <i>plus</i> een of meer kursusse in: Rekenaarwetenskap Wiskundige Statistiek 'n Biologiese rigting	Assistent-landboudatametrikus	Landbou en Visserye
107	B.Sc. <i>plus</i> B.Sc. (Hons.)	Wiskundige Statistiek <i>plus</i> een of meer kursusse in 'n biologiese rigting	Assistent-landboubiometrikus	Landbou en Visserye
108	B.Sc. TANDHEELKUNDE (Slegs vanaf die derde studiejaar)	Biochemie en Chemie/Landbouskeikunde	Landbounavorser (Biochemie)	Landbou en Visserye
109	B.Ch.D./B.D.S. Diploma in Tandheelkundige Tegnologie VEEARTSENYKUNDE (Slegs vanaf die tweede studiejaar)	Soos deur universiteit voorgeskryf Soos deur teknikon voorgeskryf	Tandarts Tandtegnikus	Gesondheid en Welsyn (sluit nie hospitale onder die beheer van die provinsiale administrasies in nie). Gesondheid en Welsyn
111	B.V.Sc. VERTAALKUNDE	Soos deur universiteit voorgeskryf	Staatsveearts	Landbou en Visserye
112	'n Toepaslike baccalaureusgraad [Vertaling in die amptelike tale. Slaging in die Vertaaltoets (amptelike tale) van die Staatstaaldiens is 'n vereiste]	Een van die volgende vakke: Vertaalkunde Afrikaans Engels Frans Duits (Vertaalkunde slegs aan Rhodes-universiteit)	Taalbeamppte	Nasionale Opvoeding
113	WEERKUNDE B.Sc. (Weerkunde) (4-jaarkursus)	Soos deur universiteit voorgeskryf	Weerkundige	Vervoer

NAGRAADSE EN GEVORDERDE STUDIE

Nommer van studie rigting	Studierigting en graad/diploma	Hoofvakke/Hoofrigting	Betrekking in die Staatsdiens waarin applikant na afstudering aangestel kan word	Departement/Administrasie waarin applikant na afstudering aangestel kan word
114	Enige van bostaande studierigtings. Nie noodwendig die ooreenstemmende hoofvakke of hoofrigtings nie.		Soos hierbo aangedui	Soos hierbo aangedui
115	Diploma in Buitengewone, Spesiale of Remediërende Onderwys	Soos deur universiteit voorgeskryf	Onderwyser(es)	Nasionale Opvoeding
116	Diploma in Publieke Administrasie/Diploma in Gevorderde Publieke Administrasie/Gevorderde Diploma in Staats- en Munisipale Administrasie	Soos deur universiteit voorgeskryf	Verskeie	Verskeie
117	Gevorderde Diploma in Psigiatrisie Maatskaplike Werk (1½-jaarkursus) (Slegs aan Universiteit van Kaapstad)	Soos deur universiteit voorgeskryf	Maatskaplike werker	Gesondheid en Welsyn
118	Nagraadse Diploma in Museumkunde	Soos deur universiteit voorgeskryf	Vakkundige Beampte	Provinsiale Administrasie van Natal
119	B.Sc (Hons.) (Slegs aan Randse Afrikaanse Universiteit)	Energie	Vakkundige Beampte	Mineraal- en Energiesake
120	B.Sc. (Hons.) in Natuurlewebestuur	Plantkunde of Dierkunde	Vakkundige Beampte	Samewerking en Ontwikkeling
121	Honneurs- en/of meestersgraad in Mineraalekonomie of Hulpbronne-ekonomie	Mineraalekonomie of Hulpbronne-ekonomie	Mineraalekonoom	Mineraal- en Energiesake
122	M.P.A/M.S.A. of M.Admin.	Publieke/Staatsadministrasie	Verskeie	Verskeie
123	M.A. (Kliniese Sielkunde)/M.Psigopatologie	Soos deur universiteit voorgeskryf	Sielkundige (Klinies)	Gesondheid en Welsyn
124	Meestersgraad in Stad- en Streekbeplanning	Soos deur universiteit voorgeskryf	Stad- en Streeksbeplanner	Samewerking en Ontwikkeling

UNDERGRADUATE STUDY

Number of field of study	Field of study and degree/diploma	Major subjects/Major field	Post in the Public Service to which applicant may be appointed after successfully completing studies	Department/Administration in which applicant may be appointed after successfully completing studies
1	PUBLIC ADMINISTRATION <i>Personnel Administration</i> An appropriate three-year bachelor's degree	Any curriculum will be considered but preference will be given to the following subjects: Public Administration Economics Psychology/Industrial Psychology Industrial and Personnel Psychology/Personnel Management Sociology/Industrial Sociology Political Science Communication Philosophy The curriculum must include at least one course in the candidate's second official language (preferably the practical language course). Further, the curriculum should preferably be composed of the following: (a) The courses indicated above (b) One of the following: Interpretation of Statutes or Constitutional and Administrative Law or any other acceptable course in law	Assistant Personnel Officer	Various departments/administrations

Number of field of study	Field of study and degree/diploma	Major subjects/Major field	Post in the Public Service to which applicant may be appointed after successfully completing studies	Department/Administration in which applicant may be appointed after successfully completing studies
2	Administration: Functional Sphere An appropriate three-year bachelor's degree	Any curriculum will be considered but preference will be given to the following subjects: Public Administration Economics Development Administration Political Science Sociology/Industrial Sociology Philosophy Psychology Communication Industrial Psychology/Industrial and Personnel Psychology/Personnel Management One of the official languages The curriculum must include at least one course in the candidate's second official language (preferably the practical language course). Further, the curriculum should preferably be composed of the following:	Administrative Assistant Cadet: Public Administration Assistant Planner	Various departments/administrations Office of the Commission for Administration Office of the Prime Minister
3	Financial Administration An appropriate three-year bachelor's degree	Any curriculum will be considered but preference will be given to the following subjects: Accounting should preferably be a major subject. Should this not be possible, at least one course in Accounting must be taken. Other subjects to which preference will be given are: Public Administration Business Economics/Economics Mercantile Law Costing Auditing Psychology/Industrial Psychology Industrial and Personnel Psychology/Personnel Management The curriculum must include a course in Data Processing (orientation introductory course) and preferably a course in Public Finance	Administrative Assistant	Various departments/administrations

APPLICATIONS FOR BURSARIES IN THE ABOVE-MENTIONED FIELDS OF STUDY MUST BE ACCOMPANIED BY A FULL STATEMENT LISTING THE WHOLE CURRICULUM WHICH THE CANDIDATE IS FOLLOWING/INTENDS TO FOLLOW.

Number of field of study	Field of study and degree/diploma	Major subjects/Major field	Post in the Public Service to which applicant may be appointed after successfully completing studies	Department/Administration in which applicant may be appointed after successfully completing studies
	AGRICULTURE (Four-year or five-year course) The four-year course comprises the B.Sc. (Agriculture)/B.Sc. (Agric.) course. The five-year course comprises the B.Sc. (Agriculture)/B.Sc. (Agric.) <i>plus</i> the B.Sc (Agriculture) (Hons)/B.Sc. (Agric.) (Hons) course. Candidates must indicate whether they wish to follow the four-year course or the five-year course. Candidates who do not furnish this information will be considered for the four-year course.			
54 (a)		Agronomy/Crop Science	Agricultural Research Officer	Agriculture and Fisheries
54 (b)		Agronomy/Crop Science	Extension Officer	Agriculture and Fisheries
55		Agronomy/Crop Science	Agricultural Adviser	Co-operation and Development
56		Biometry	Agricultural Biometrician	Agriculture and Fisheries
57		Any agricultural field of study <i>plus</i> one or more courses in Biometry and Computer Science	Agricultural Datametrician	Agriculture and Fisheries
58		Chemistry and/or Physics	Agricultural Research Officer	Agriculture and Fisheries
59 (a)		Entomology	Agricultural Research Officer (Lecturer)	Agriculture and Fisheries
59 (b)		Entomology	Agricultural Research Officer (Entomology)	Agriculture and Fisheries
60 (a)		Soil Science	Agricultural Research Officer	Agriculture and Fisheries
60 (b)		Soil Science	Agricultural Extension Officer	Agriculture and Fisheries
60 (c)		Soil Science	Agricultural Research Officer (Lecturer)	Agriculture and Fisheries
60 (d)		Soil Science with as many courses as permitted in Geology and Computer Science	Agricultural Research Officer	Agriculture and Fisheries
60 (e)		Soil Science with as many courses as permitted in Geology and Chemistry	Agricultural Research Officer	Agriculture and Fisheries
60 (f)		Soil Science with as many courses as permitted in Physics and Plant Physiology	Agricultural Research Officer	Agriculture and Fisheries
60 (g)		Soil Science	Agricultural Adviser	Co-operation and Development
61 (a)		Agricultural Economics <i>plus</i> Economics or Business Economics	Agricultural Research Officer	Agriculture and Fisheries
61 (b)		Agricultural Economics <i>plus</i> Economics or Business Economics	Agricultural Adviser	Co-operation and Development
62 (a)		Agricultural Economics and Economics	Agricultural Research Officer (Lecturer)	Agriculture and Fisheries
62 (b)		Agricultural Economics and Economics	Agricultural Adviser (Marketing)	Co-operation and Development
62 (c)		Agricultural Economics and Economics	Agricultural Adviser (Economic Research)	Co-operation and Development
63		Agricultural Meteorology and Mathematics	Agricultural Research Officer	Agriculture and Fisheries
64 (a)		Plant Pathology	Agricultural Research Officer	Agriculture and Fisheries
64 (b)		Plant Pathology	Agricultural Research Officer (Lecturer)	Agriculture and Fisheries
65 (a)		Horticulture	Agricultural Research Officer (Horticulture)	Agriculture and Fisheries
65 (b)		Horticulture	Agricultural Extension Officer	Agriculture and Fisheries
65 (c)		Horticulture	Agricultural Research Officer (Lecturer)	Agriculture and Fisheries
65 (d)		Horticulture	Agricultural Adviser	Co-operation and Development
66 (a)		Animal Husbandry	Agricultural Research Officer (Animal Science)	Agriculture and Fisheries
66 (b)		Animal Husbandry	Agricultural Extension Officer	Agriculture and Fisheries
67	B.Sc. Agric <i>plus</i> (Hons.)	Agronomy/Plant Production or Animal Husbandry	Agricultural Adviser	Co-operation and Development
68 (a)		Pasture Science/Plant Production	Agricultural Research Officer	Agriculture and Fisheries
68 (b)		Pasture Science/Plant Production	Agricultural Extension Officer	Agriculture and Fisheries

Number of field of study	Field of study and degree/diploma	Major subjects/Major field	Post in the Public Service to which applicant may be appointed after successfully completing studies	Department/Administration in which applicant may be appointed after successfully completing studies
69	.....	Economics <i>plus</i> one of the following: Chemistry Viticulture Pomology Animal Husbandry Crop Production	Agricultural Industry Adviser	Agriculture and Fisheries
70 (a)	.....	Agricultural Production	Agricultural Extension Officer	Agriculture and Fisheries
70 (b)	.....	Agricultural Production	Agricultural Research Officer (Lecturer)	Agriculture and Fisheries
71	B.Sc. in Food Science (Four/Five-year course)	As prescribed by university	Professional Officer (Processed Products)	Agriculture and Fisheries
6	ARCHITECTURE (Only from the second year of study) B. Arch./B. in Architecture	As prescribed by university	Assistant Architect	Community Development and the Provincial Administrations of the Orange Free State and Natal
7	ARCHIVE SCIENCE An appropriate bachelor's degree	History and Public Administration	Archivist	National Education
24	COMMERCE AND ECONOMICS B.Com. <i>plus</i> B. Com. (Hons) in Economics	Economics <i>plus</i> one or more of the following: Statistics Econometrics Mathematical Statistics Accounting Business Economics Agricultural Economics	Assistant Planner	Office of the Prime Minister
25	B. Econ. <i>plus</i> B. Econ. (Hons)	Business Economics and Economic Geography	Assistant Planner	Office of the Prime Minister
26	An appropriate bachelor's degree	Economics and Accounting	Assistant Financial Officer	Finance
27	.....	Economics or Business Economics <i>plus</i> Accounting II OR Accounting <i>plus</i> Economics II OR Accounting <i>plus</i> Business Economics II	Assistant Financial Officer	Finance
28	.....	Industrial Psychology and either Personnel Management or Industrial Sociology <i>plus</i> at least one course in one of the following: Business Economics Economics Statistics	Professional Officer	Manpower
29	.....	Economics <i>plus</i> one of the following: Statistics Econometrics Business Economics	Professional Officer	Manpower
30	.....	Statistics <i>plus</i> one or more courses in Economics or Business Economics OR Economics <i>plus</i> one or more courses in: Statistics Business Economics Mathematical Statistics	Professional Officer	Manpower

Number of field of study	Field of study and degree/diploma	Major subjects/Major field	Post in the Public Service to which applicant may be appointed after successfully completing studies	Department/Administration in which applicant may be appointed after successfully completing studies
31	 (Compare field of study No. 23.)	Economics and Geology	Assistant Mineral Economist	Mineral and Energy Affairs
32	.....	Any two of the following: Economics Business Economics Marketing Accounting	Professional Officer (Economics) Professional Officer (Cooperatives)	Industries, Commerce and Tourism and Co-operation and Development
33	.....	Business Economics and Accounting <i>plus</i> as many courses as possible in: Statistics Economics Computer Science	Professional Officer (Business Economist)	Environment Affairs
34	.....	Business Economics and Economics <i>plus</i> as many courses as possible in: Statistics Accounting Computer Science	Professional Officer (Business Economist)	Environment Affairs
35	.....	Accounting and Auditing (If one of these subjects cannot be taken as a major subject, then as many courses as possible should be taken in it.) An alternative major may be selected from the following: Public Administration Economics Business Economics The curriculum should further preferably include a course in Income Tax and/or Costing	Administrative Assistant	Office of the Auditor-General
36	.....	Any two of the following: Mathematics Economics Accounting Statistics	Professional Officer	Statistics
37	An appropriate three-year bachelor's degree	Any two of the following: Computer Science Economics Business Economics	Professional Officer (Economics)	Agriculture and Fisheries
38	.....	Economics or Business Economics <i>plus</i> Accounting II and Mercantile Law I	Professional Officer (Economics)	Agriculture and Fisheries
39	.....	Economic and Business Economics <i>plus</i> Statistics II	Professional Officer (Economics)	Agriculture and Fisheries
40	.....	Economics and Statistics	Professional Officer (Economics)	Agriculture and Fisheries
96	COMPUTER SCIENCE B.Sc.	Computer Science and Mathematics	Assistant Programmer/Programmer	Environment Affairs and the Provincial Administrations of Natal, the Cape of Good Hope and the Orange Free State
109	DENTISTRY (Only from the third year of study) B.Ch.D./B.D.S.	As prescribed by university	Dentist	Health and Welfare (excluding hospitals under the control of the provincial administrations)
110	Diploma in Dental Technology	As prescribed by technikon	Dental Technician	Health and Welfare

Number of field of study	Field of study and degree/diploma	Major subjects/Major field	Post in the Public Service to which applicant may be appointed after successfully completing studies	Department/Administration in which applicant may be appointed after successfully completing studies
11	DIETETICS (Only from the second year of study) B.Sc. in Dietetics (Four-year course) B.Sc. in Dietetics (Three-year course) <i>plus</i> B.Sc. (Hons) in Dietetics B.Sc. in Dietetics (Three-year course) <i>plus</i> Diploma in Hospital Dietetics Bachelor of Nutrition	As prescribed by university	Dietician	Health and Welfare
12	DIPLOMATIC AND INFORMATION SERVICE An appropriate bachelor's degree (Candidates must be prepared to undergo a psychometric test and to appear before a selection committee prior to the allocation of bursaries.)	<i>High priority:</i> Political Science International Politics Economics <i>Low priority:</i> African Studies Development Administration Communication Journalism History Ethnology Languages Law	Foreign Service Officer/Information Officer	Foreign Affairs and Information

EDUCATION.— For schools under the direct control of the Department of National Education, i.e. excluding ordinary high or primary schools falling under the provincial education departments. Posts of lecturer exist at the colleges under the direct control of the Department of National Education.

Number of field of study	Field of study and degree/diploma	Major subjects/Major field	Post in the Public Service to which applicant may be appointed after successfully completing studies	Department/Administration in which applicant may be appointed after successfully completing studies
76	B.A. <i>plus</i> Education Diploma/B.A.Ed.	Psychology <i>plus</i> one of the following: Afrikaans English Another school subject	Psychologist/Teacher	National Education
77	B.Com. <i>plus</i> Education Diploma/B.Com.Ed.	Two of the following: Economics Mathematics Accounting Business Economics Computer Science	Teacher/Lecturer	National Education
78	B. Lib. Ed. (Four-year course)	Library Science (Education)	Teacher (Reference Centre)	National Education
79	Diploma in Specialised Education (School Library Science)	Library Science (Education)	Teacher (Reference Centre)	National Education
80	Education Diploma in Nursery Education (Three-year course)	As prescribed by university	Teacher	National Education
81	Higher Education Diploma: Commercial subjects (Secretarial)	Typewriting <i>plus</i> two of the following: Snelskrif Shorthand Accounting Business Economics	Lecturer	National Education

Number of field of study	Field of study and degree/diploma	Major subjects/Major field	Post in the Public Service to which applicant may be appointed after successfully completing studies	Department/Administration in which applicant may be appointed after successfully completing studies
82	B.Sc. <i>plus</i> Higher Education Diploma/B.Sc. Ed.	Physiology	Lecturer/Teacher	National Education
83	B.Sc. <i>plus</i> Higher Education Diploma/B.Sc. Ed.	At least two of the following: Mathematics Physics Chemistry	Teacher/Lecturer	National Education
84	B. Home Economics (Ed.)/B.Sc. in Home Economics (Teaching Option)	As prescribed by university	Teacher/Lecturer	National Education
85	B. Mus. <i>plus</i> Higher Education Diploma	Piano	Teacher	National Education

EDUCATION—SPECIAL.—For schools under the indirect control of the Department of National Education, i.e. excluding ordinary high or primary schools falling under the provincial education departments. Persons who apply for bursaries in the educational fields indicated below must specify under field of study on the application form: "For State-aided schools for special education". On completion of their studies applicants will be expected to assume duty at a school for the deaf, the hard of hearing, the blind, the partially sighted, epileptics, the cerebral palsied or the physically handicapped under the indirect control of the Department of National Education

Number of field of study	Field of study and degree/diploma	Major subjects/Major field	Post in the Public Service to which applicant may be appointed after successfully completing studies	Department/Administration in which applicant may be appointed after successfully completing studies
86	B.A. (Physical Education) <i>plus</i> Education Diploma	Physical Education <i>plus</i> one of the following for the B.A. degree: Afrikaans or English	Teacher	National Education
87	B.A. <i>plus</i> Education Diploma/B.A.Ed.	Afrikaans and English	Teacher	National Education
88	Bachelor's degree in Education for the primary school (four year course) <i>Diploma/Degree (Paramedical)</i>	As prescribed by university	Teacher	National Education
89	Occupational Therapy	As prescribed by university	Therapist	National Education
90	Physiotherapy	As prescribed by university	Therapist	National Education
91	Speech Therapy/Logopaedics	As prescribed by university	Therapist	National Education
92	DEVELOPMENT SERVICE An appropriate bachelor's degree (Only for male candidates)	Economics <i>plus</i> one of the following: Business Economics Business Administration Agricultural Economics Development Administration Public Administration	Assistant Development Adviser	Foreign Affairs and Information
	ENGINEERING <i>N.B.</i> —Refer to the training scheme for engineers described above (p. 3)			
43	B.Sc. (Eng.)/B. Eng. Industrial (Only from the second year of study)	As prescribed by university	Assistant Planner	Office of the Prime Minister
44	B.Sc. (Eng.)/B. Eng. (Chemistry) (Only from second year of study)	As prescribed by university	Engineer	Environment Affairs
45	B.Sc. (Eng.)/B. Eng. (Electrical—Heavy Current)	As prescribed by university	Engineer	Co-operation and Development; Transport, Environment Affairs, Community Development and the Provincial Administration of the Orange Free State

Number of field of study	Field of study and degree/diploma	Major subjects/Major field	Post in the Public Service to which applicant may be appointed after successfully completing studies	Department/Administration in which applicant may be appointed after successfully completing studies
46	B.Sc. (Eng.)/B. Eng. (Electrical—Electronic—Light Current) (Only from the second year of study)	As prescribed by university	Engineer	Transport, Agriculture and Fisheries and Environment Affairs
47 (a)	B.Sc. (Eng.)/B. Eng. (Agriculture)	As prescribed by university	Engineer/Lecturer (College)	Agriculture and Fisheries
47 (b)	.....	As prescribed by university	Engineer	Co-operation and Development
48	B.Sc. (Eng.)/B. Eng. (Mechanical)	As prescribed by university	Engineer/Inspector of Machinery/First Ship's Surveyor (Mechanical)	Agriculture and Fisheries, Community Development, Co-operation and Development, Environment Affairs, Transport and the Provincial Administrations of the Cape of Good Hope, Natal, the Orange Free State and the Transvaal.
49	B.Sc. (Eng.)/B. Eng. (Mechanical) <i>plus</i> Hons. (Marine)	As prescribed by university	First Ship's Surveyor (Mechanical)	Transport
50	B.Sc. (Eng.)/B. Eng. (Mechanical) (Aeronautics)	As prescribed by university	Engineer	Transport
51	B.Sc. (Eng.)/B. Eng. (Mining)	As prescribed by university	Assistant Inspector (Mines)	Mineral and Energy Affairs
52	B.Sc. (Eng.)/B. Eng. (Mine Surveying)	As prescribed by university	Mine Surveyor	Mineral and Energy Affairs
53	B.Sc. (Eng.)/B. Eng. (Civil)	As prescribed by university	Engineer	Community Development, Agriculture and Fisheries, Co-operation and Development, Transport, Environment Affairs and the Provincial Administrations of the Cape of Good Hope, Natal, the Orange Free State and the Transvaal.
FORESTRY				
9 (a)	B.Sc. in Forestry	One of the following: (a) Forest Science (b) Forest Science/Nature Conservation (c) Exploitation	Forestry Professional Officer	Environment Affairs
9 (b)	B.Sc. in Wood Science	Wood Science	Forestry Professional Officer	Environment Affairs
GEOHYDROLOGY				
16	B.Sc. <i>plus</i> B.Sc. (Hons) in Geophysics/Applied Geophysics	Physics or Applied Physics is a compulsory major subject. At least one further major subject must be selected from the following: Geology Applied Mathematics (The curriculum must include at least one course in Geology. Preference will be given to candidates who include one course in Computer Science.)	Hydrologist	Environment Affairs
17	B.Sc. <i>plus</i> B.Sc. (Hons) in Geology or Geography (both are to be geohydrologically orientated) (Hons available only at the University of the O.F.S.)	Geology as a compulsory major subject <i>plus</i> one further major subject selected from the following: Applied Mathematics Mathematics Chemistry Geochemistry Geophysics Physics Geography (geohydrological) (The curriculum must include at least one course each in Physics and Mathematics. Preference will be given to candidates who include a course in Computer Science and/or Mathematical Statistics.)	Hydrologist	Environment Affairs

Number of field of study	Field of study and degree/diploma	Major subjects/Major field	Post in the Public Service to which applicant may be appointed after successfully completing studies	Department/Administration in which applicant may be appointed after successfully completing studies
18	B.Sc. <i>plus</i> B.Sc. (Hons) in Geohydrology (Hons available only at the University of the O.F.S.) <i>GEOLOGY</i>	Geology and Geohydrology (The curriculum must include at least Physics II, Mathematics II and Chemistry I for the B.Sc. degree.)	Hydrologist	Environment Affairs
19	B.Sc. <i>plus</i> B.Sc. (Hons) in Geology or B.Sc. Mining Geology	Geology <i>plus</i> one of the following: Chemistry Mathematics Physics Geography Geochemistry	Geologist (Regional Geology and Mineral Resources)	Mineral and Energy Affairs
20	B.Sc. <i>plus</i> B.Sc. (Hons) in Geology	Geology and Computer Science for the B.Sc. degree	Geologist (Information and Mineral Resources)	Mineral and Energy Affairs
21	B.Sc. <i>plus</i> (Hons) in Engineering Geology	Geology <i>plus</i> at least one of the following for the B.Sc. degree: Mathematics Applied Mathematics Physics Chemistry	Geologist (Engineering Geology—Dam and Underground Investigations)	Mineral and Energy Affairs
22	B.Sc. <i>plus</i> (Hons) in Engineering Geology	Geology <i>plus</i> at least one of the following for the B.Sc. degree: Mathematics Applied Mathematics Physics Geography Soil Science ("Bodemkunde")	Geologist (Engineering Geology—Urban Investigations)	Mineral and Energy Affairs
23	B.Sc. or B. Econ. or B.A. (Compare field of study No. 31.) <i>GEOPHYSICS</i>	Geology and Economics	Assistant Mineral Economist	Mineral and Energy Affairs
15	B.Sc. <i>plus</i> B.Sc. (Hons) in Geophysics	Physics or Geophysics is a compulsory major subject. At least one further major subject must be selected from the following: Applied Mathematics Geology Mathematics Computer Science (The curriculum must include at least one course in Geology and preference will be given to candidates who include a course in Computer Science.)	Geophysicist	Mineral and Energy Affairs

HYDROLOGY.—If desired, a curriculum may be compiled from options taken from the different subdivisions of fields of study Nos. 41 and 42, in which event the number of the field of study must be indicated according to the choice of subjects, e.g. 41 (a) and 42 (b).

N.B.—The subject Hydrology can be taken only at the University of the Orange Free State and at Rhodes University.

It may be expected of bursary holders to work (with remuneration) in the Hydrological Research Institute at least once a year during their annual university vacations in order to gain practical experience which will prepare them for a post in the research division of the Department.

Number of field of study	Field of study and degree/diploma	Major subjects/Major field	Post in the Public Service to which applicant may be appointed after successfully completing studies	Department/Administration in which applicant may be appointed after successfully completing studies
41	Hydrology (Surface Water) B.Sc. <i>plus</i> B.Sc. (Hons)	At least two of the following as major subjects <i>plus</i> at least one of the following as an ancillary subject for the B.Sc. degree. One of the major subjects must be taken for the Hons degree. (a) <i>Highest priority:</i> Hydrology Mathematical Statistics Applied Mathematics Physics Computer Science Operations Research (b) <i>Lower priority:</i> Mathematics Chemistry Geography Geology	Hydrologist	Environment Affairs
42	Hydrology (Research) B.Sc. <i>plus</i> B.Sc. (Hons)	At least two of the following as major subjects <i>plus</i> at least one of the following as an ancillary subject for the B.Sc. degree. One of the following subjects must be taken for the Hons degree: Chemistry Statistics Computer Science Limnology (UOFS or Rhodes) Geography or Hydrology (UOFS, Rhodes or Natal) (a) <i>Highest priority:</i> Chemistry Physics Mathematical Statistics Computer Science (b) <i>Lower priority:</i> Hydrology Microbiology Soil Science Biometry Geography Geology Biochemistry Geochemistry (c) <i>Lowest priority:</i> Applied Mathematics Mathematics Operations Research	Hydrologist	Environment Affairs

Number of field of study	Field of study and degree/diploma	Major subjects/Major field	Post in the Public Service to which applicant may be appointed after successfully completing studies	Department/Administration in which applicant may be appointed after successfully completing studies
73	LANDSCAPE ARCHITECTURE Bachelor's degree in Landscape Architecture/B.L. (From the fourth year of study applicants may, after appointment to the Public Service, apply for bursaries of R700 p.a. to complete their degree course)	As prescribed by university	Landscape Architect	Environment Affairs
94	LAW LL.B (Only for the final year of study)	As prescribed by university	Public Prosecutor State Advocate Assistant State Attorney State Legal Adviser Magistrate Public Prosecutor	Justice
9	B. Iuris (Immediately after obtaining the B. Iuris degree the student will have to commence full-time employment in the Public Service.)	As prescribed by university		Justice
8	LIBRARIANSHIP B.Librianship B.A. (Librarianship) A bachelor's degree plus Higher Diploma in Librarianship	As prescribed by university	Librarian	National Education and the Provincial Administrations of the Orange Free State, the Transvaal and Natal
14	MEDICINE (Only from the second year of study) M.B. Ch.B./M.B. Ch./B.M. (No bursary moneys will be paid out during year of internship. Candidates may be required to serve their internship in the Public Service.)	As prescribed by university	Medical Officer/District Surgeon	Health and Welfare (excluding hospitals under the control of the provincial administrations)
113	METEOROLOGY B.Sc. (Meteorology) (4-year course)	As prescribed by university	Meteorologist	Transport
5	OCCUPATIONAL THERAPY (Only from the second year of study) B.Sc. (Occupational Therapy)/B. Occupational Therapy	As prescribed by university	Occupational Therapist	Health and Welfare
75	ORAL HYGIENE Diploma in Oral Hygiene (2-year course)	As prescribed by university	Oral Hygienist	Health and Welfare
4	PHARMACY (Only from the second year of study) B.Sc. (Pharmaceutics)/Diploma in Pharmaceutics (No bursary moneys will be paid out during the practical year. Candidates may be required to undertake their training during their practical year in the Public Service).	As prescribed by university/technikon	Pharmacist	Health and Welfare
13	PHYSIOTHERAPY (Only from the second year of study) B.Sc. (Physiotherapy)/B. Physiotherapy	As prescribed by university	Physiotherapist	Health and Welfare (excluding hospitals under the control of the provincial administrations)

Number of field of study	Field of study and degree/diploma	Major subjects/Major field	Post in the Public Service to which applicant may be appointed after successfully completing studies	Department/Administration in which applicant may be appointed after successfully completing studies
	PURE SCIENCE (Please also see fields of Study Nos. 41 and 42)			
97 (a)	B.Sc.	Chemistry and Physics or Biochemistry	Professional Officer	Health and Welfare
97 (b)	B.Sc.	Chemistry and Physics	Inspector: Occupational Safety	Manpower
98		Chemistry and Biochemistry	Professional Officer (Biochemistry)	Health and Welfare
99		Zoology and Physics	Professional Officer (Electron Microscopics)	Health and Welfare
100		Immunology	Professional Officer (Immunology)	Health and Welfare
101		Statistics and Mathematics	Professional Officer (Biostatistics)	Health and Welfare
102	B.Sc. plus B.Sc. (Hons.) in Chemistry	Chemistry plus one of the following: Physics Mathematics Applied Mathematics	Chemist	Mineral and Energy Affairs
103		Chemistry and Computer Science	Chemist	Mineral and Energy Affairs
104	B.Sc.	Chemistry plus one of the following: Physics Microbiology Ecology Geology	Water Pollution Control Officer	Environmental Affairs
105	B.Sc. (three year course)	Food Science or Chemistry plus Biochemistry	Professional Officer	Agriculture and Fisheries
106	B.Sc. plus B.Sc. (Hons.)	Any major plus one or more courses in: Computer Science Mathematical Statistics A Biological field	Assistant Agricultural Data Metrician	Agriculture and Fisheries
107	B.Sc. plus B.Sc. (Hons.)	Mathematical Statistics plus one or more courses in a Biological field	Assistant Agricultural Biometrician	Agriculture and Fisheries
108	B.Sc.	Biochemistry and Chemistry/Agricultural Chemistry	Agricultural Research Officer (Biochemistry)	Agriculture and Fisheries
	QUANTITY SURVEYING			
10	B.Sc. in Quantity Surveying/B.Sc. (Q.S.) (Bursaries of R2 400 p.a. are available from the second year of study only. From the time that part-time studies have to be undertaken applicants may, after appointment to the Public Service, apply for bursaries of R700 p.a. to complete the course.)	As prescribed by university	Assistant Quantity Surveyor	Community Development and the Provincial Administration of the Orange Free State
	SOCIAL WORK			
74	B.A. (S.W.)/B.Soc. Sc. (S.W.)	As prescribed by university	Welfare Officer	Health and Welfare and Co-operation and Development
	SURVEYING			
72	B.Sc. (Surveying)/Bachelor's degree in Surveying (four-year course)	As prescribed by university	Surveyor	Community Development
	TOWN AND REGIONAL PLANNING			
99	An appropriate bachelor's degree (four-year course)	As prescribed by university	Assistant Planner/Town and Regional Planner	Community Development, Office of the Prime Minister, Co-operation and Development, and the Provincial Administrations of the Transvaal, Natal and the Orange Free State.

Number of field of study	Field of study and degree/diploma	Major subjects/Major field	Post in the Public Service to which applicant may be appointed after successfully completing studies	Department/Administration in which applicant may be appointed after successfully completing studies
112	TRANSLATION An appropriate bachelor's degree (Translation in the official languages. A pass mark in the Translation Test (Official Languages) of the State Language Services is required)	One of the following: Translation Science (only at Rhodes University) Afrikaans English French German	Language Officer	National Education
111	VETERINARY SCIENCE (Only from the second year of study) B.V.Sc.	As prescribed by university	State Veterinarian	Agriculture and Fisheries

POST-GRADUATE AND ADVANCED STUDY

Number of field of study	Field of study and degree/diploma	Major subjects/Major field	Post in the Public Service to which applicant may be appointed after successfully completing studies	Department/Administration in which applicant may be appointed after successfully completing studies
114	Any of the above-mentioned fields of study. Not necessarily the corresponding major subjects or main fields of study.		As indicated above	As indicated above
115	Diploma in Extraordinary, Special or Remedial Education	As prescribed by university	Teacher	National Education
116	Diploma in Public Administration/Diploma in Advanced Public Administration/Advanced Diploma in Public and Municipal Administration	As prescribed by university	Various	Various
117	Advanced Diploma in Psychiatric Social Work (1½-year course) (Only at the University of Cape Town)	As prescribed by university	Welfare Officer	Health and Welfare
118	Post-graduate Diploma in Museum Science	As prescribed by university	Professional Officer	Provincial Administration of Natal
119	B.Sc. (Hons.) (Only at the University of Cape Town)	Energy	Professional Officer	Mineral and Energy Affairs
120	B.Sc. (Hons.) in Wildlife Management	Zoology or Botany	Professional Officer	Co-operation and Development
121	Hons. and/or master's degree in Mineral Economics or Resources Economics	Mineral Economics or Resources Economics	Mineral Economist	Mineral and Energy Affairs
122	M.P.A./M.S.A. or M. Admin.	Public Administration	Various	Various
123	M.A. (Clinical Psychology)/M. Psychopathology	As prescribed by university	Psychologist (Clinical)	Health and Welfare
124	Master's degree in Town and Regional Planning	As prescribed by university	Town and Regional Planner	Co-operation and Development

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Kommissie vir Administrasie, Kantoor van die Algemene Kennisgewing		
1619 Staatsdiensbeursskema: Beurse vir 1983	1	8318

CONTENTS

No.	Page No.	Gazette No.
Commission for Administration, Office of the General Notice		
1619 Public Service Bursary Scheme: Bursaries for 1983	1	8318

