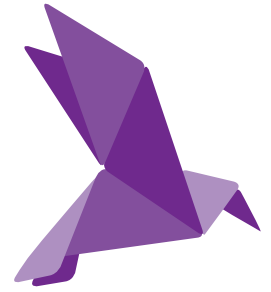




NWU®

NORTH-WEST UNIVERSITY
NOORDWES-UNIVERSITEIT
YUNIBESITI YA BOKONE-BOPHIRIMA



RE
THATAFATSA
BATHO GO
FOFA

POROFAELE YA 2019/2020

DINTLHAKAKARETSO

Boemo jwa thutogodimo mo Aforikaborwa

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tsa thutogodimo
mo Aforikaborwa

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tlwaelegileng mo SA



Diyunibesithi tsa Aforikaborwa
Lekgotlataolo la ditheo tsa thutogodimo
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Tsweetswee ela tlhoko gore dipalo tsothe tsa 2018 tse di dirisitsweng fano ke tsa nakwana fela ka gonne tiro ya bofelo ya boruni e ne e sa ntse e tsewetse fa tokomane eno e ne e kwalwa.

GO NOTLOLOLA BOKAMOSO

Mowa o yunibesithi e nang le one

Mowa o yunibesithi e e nang le one o bontshiwa ke tsela e re rulaganyetsang batho bokamoso ka yone le go ba kgontsha go fitlhelela ditoro tsa bone.

Mowa ono o bonala mo ditirong tsotlhe tsa rona, go tswa go dithuto tsa rona tsa akatemi le patlisiso go fitlha go setlhophha sa rona sa baithuti, go nna le seabe mo baaging le mo diphithlelong tsa metshameko. “Dinotlolo” tse re di dirisang go notlolola bokamoso jwa bana-le-seabe ba rona di akaretsa:

- ▶ Go tlhoma mogopolo mo tirong ya go tlisa dilo tsotlhe ka fa tlase ga taolo ya boditšhabatšhaba (ts 14-15)
- ▶ Magoro a rona (ts 20-31)
- ▶ Mananeothuto a rona a a tlhomologileng (ts 20-31)
- ▶ Go ithutela kgwebo (ts 20-31)
- ▶ Kgono ya rona ya go ithuta kgakala le setheo sa thuto (ts 32)
- ▶ Metshameko ya rona ya maemo a a kwa godimo (ts 37-39)

Letshwao la setlamo sa NWU

Digoke tse di gokaganang tsa letshwao la rona la setlamo di tshwantshetsa go nna seoposengwe ga yunibesithi ya rona.



Moono

It all starts here

Dit begin alles hier

Gotlhe go simolola fano

GO DIRAGADIWA GA DITORO TSA RONA



Setheo se se nang le kutlwano

NWU e ikaeletse go dira e le seoposengwe, e le yunibesithi ya dikhamphase tse di kopaneng e e tla tlisang tekatekano, go baakanya diphoso tsa nako e e fetileng le go gaisana le ditheo tse dingwe mo lefatsheng lotlhe ka go ruta le go dira patlisiso mo dikhamphaseng tsotlhe.



Togamaano ya rona

Go fetola le go baya NWU mo boemong jwa go nna setheo se se leng seoposengwe sa maemo a a kwa godimo thata a dithuto tsa akatemi, se se ikemiseditseng go diragatsa tshiamiso mo loagong.



Ditoro tsa rona

Go nna yunibesithi e e itsegeng mo Aforika, e e tlhomololang ke mokgwa wa yone wa go ithuta ka natla, e e tsibogela maemo mo loagong, le boitshwaro jwa yone jwa go amega ka ba bangwe.



Boikaelelo jwa rona

Go di goga kwa pele ka tthamosesha ya go ruta le go ithuta le ka patlisiso ya maemo a a kwa godimo, le go solegela setšhaba molemo ka kitso.

MOTSWEDI-KONOKONO WA KITSO...

Ditiro tsa rona tsa konokono, go ruta le go ithuta le go dira patlisiso, di dirwa mmogo le tiro ya go nna le seabe mo baaging le tlhamosešwa mo magorong a rona a a robedi, a bontsi jwa one e leng a baithuti ba ba ithutang ba le kgakala le setheo sa thuto kgotsa ba ba ithutelang mo setheong sa thuto.



...go sa lebale seno

NWU e tla thusa go tlagisa badiri le baithuti ba ba ineetseng mo tironing le go dirisa motheo o melawana ya rona ya boitshwaro e theilweng mo go one go ya ka molaotheo wa seriti sa botho, tekatekano le kgololesego:

- ▶ Mekgwa e mentle mo go sotlhe se e se dirang
- ▶ Go ikanyega mo go tsa akatemi
- ▶ Kgololesego ya akatemi le kgololesego ya go dira patlisiso ya saense
- ▶ Boikarabelo, go sikara maikarabelo a ditiro tsa rona, go sa gobebele le go dira dilo kwantle ga bofitlha bope
- ▶ Go amogela dipharologano

KE MANG YO O ETELETSENG PELE?

Boeteledipele jo bo ka ikannngwang

Mothusa Motlatsa-Mokanseliri:
Patlisiso le Tlhamosešwa

Mothusa Motlatsa-Mokanseliri:
wa Go Ruta le Go Ithuta

Bathusa batlatsa-ba-kanseliri mo dikhamphaseng ba ikarabela ka tiro e e dirwang mo dikhamphaseng le ditiro tse dingwe tse ba di abetsweng.

Mogokgo le Motlatsa-Mokanseliri

Mo godimo ga mokwadisi, go na le bakaedikhuduthamaga ba le bane.



Mop Dan Kgwadi
- Mokhuduthamaga-mogolo le motlhankedi wa bobalamatloto, yo o ikarabelang go Leggotla la NWU malebana le ka fa yunibesithi e dirang ka gone ka kakaretso.

Mothusa-Motlatsamokanseliri
(Khamphase ya Mafikeng)

Mothusa-Motlatsamokanseliri
(Khamphase ya Potchefstroom)

Mothusa-Motlatsamokanseliri
(Khamphase ya Khutlotharo ya Lekwa)

Mokwadisi

Mokaedikhuduthamaga:
Ditšhelele le Dikago

Mokaedikhuduthamaga:
Batho le Setso

Mokaedikhuduthamaga:
Dikamano tsa Kgwabo le Thekiso

Mokaedikhuduthamaga:
Botshelo jwa Moithuti

Re na le magoro a le robedi.

Modini Khuduthamaga:
Legoro la Disaense tsa Tihago le Temothuo

Modini Khuduthamaga:
Legoro la Disaense tsa Pholo

Modini Khuduthamaga:
Legoro la Boenjenere

Modini Khuduthamaga:
Legoro la Disaense tsa Ikonomi le Botsamaisi

Modini Khuduthamaga:
Legoro la Dithuto tsa Mekgwa ya Batho

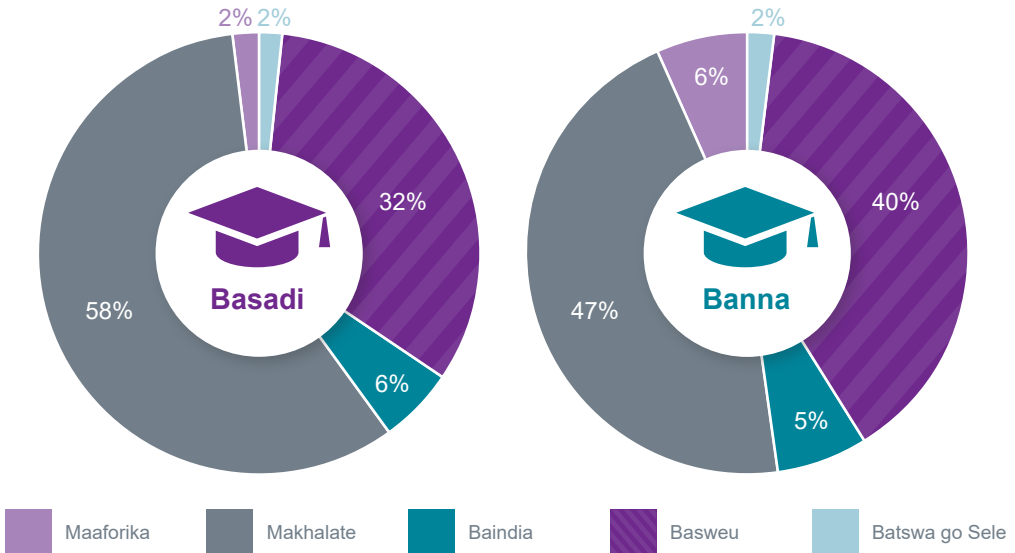
Modini Khuduthamaga:
Legoro la Thuto

Modini Khuduthamaga:
Legoro la tsa Molao

Modini Khuduthamaga:
Legoro la Thutabomdimmo

Sethopha se se atlegang

Bong le morafe o badiri ba NWU ba dirilweng ka one ka *2019



Palogotlhe ya basadi: 3 083

Palogotlhe ya banna: 2 512

(Dipalo tsa 2019 ga di a felela)

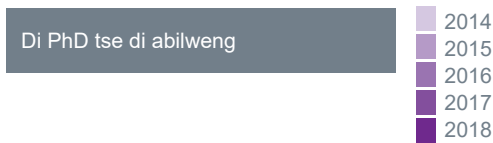
Ka fa re tlhomelelang batho ka gone

Bakaedikhuduthamaga ba bantsho (Jaaka % ya palogotlhe ya bakaedikhuduthamaga ba bantsho)	33%
Bakaedikhuduthamaga ba basadi (jaaka % ya palogotlhe ya bakaedikhuduthamaga)	67%
Badiri ba bantsho (jaaka % ya palogotlhe ya badiri)	36%
Badiri ba basadi (jaaka % ya palogotlhe ya badiri)	55%

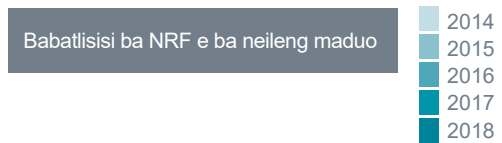
Batlhamasešwa le babatli ba kitso

Karata ya maduo a patlisiso

- ▶ 2 605,507 diyuniti tse di lekantsweng bokete tsa dipholo tsa patlisiso tsa ka 2017
- ▶ 1 300,04 diathikele tse di tlagisiwang gangwe ka ngwaga tse di gatisitsweng ka 2017
- ▶ baakatembagolo ba le 215 ba morago ga gerata ya bongaka ka 2017



Fa gare ga 2014 le 2018, go ne go na le koketsego ya 45% ya diawate tse di abilweng tsa di PhD



Palo ya babatlisisi ba NRF e ba neileng maduo e ne ya oketsega go tswa go 182 ka 2014 go fitlha go 232 ka 2018.

Go aga bokgoni jwa go dira patlisiso

Go rotloetsa badiri ba baakatemi ba ba oketsegileng go dira kopo ya go newa maduo le go oketsa dipholo tsa bone tsa patlisiso, NWU e na le lenaneo la katiso ya go ipaakanyetsa go neela dipuo mo khonferenseng, go kwala diathikele le mekgwa e e e gaisang yotlhe ya tiro ya go kwala manaane a dipotso tsa patlisiso.

Go batlana le baithuti ba morago ga kalogo

Gape re godisa mefuta e e farologaneng ya bokgoni jwa go dira patlisiso ka go batlana le baithuti ba ba oketsegileng ba masetase le ba gerata ya bongaka. Ka 2018 re ne re na le baithuti ba morago ga kalogo ba dinaga di sele ba le 1 472 mo dikhamphaseng tsa rona.

GO GAGAMALELA BOLENG: A RE YENG!



Pholisi ya Dipuo ya rona e tthomologile

Tumalanong le pholisi ya rona ya bopuontsi, re kgaratlhela go rotloetsa maemo a akatemi a dipuo tsa Seaforika tse di dirisiwang thata tsa dikgaolo tse dikhamphase tsa rona di leng mo go tsone, e leng Setswana le Sesotho. Re dira jalo mo godimo ga go boloka Seesemane le Seaforikanse jaaka dipuo tsa ga jaanong jaana tse go rutwang ka tsone.

Gore re fithelele mekgele eno ya bopuontsi, re dirisa didirisiwa tsothle tsa puo tse re nang le tsone tsa badiri le baithuti ba rona, ba ba nang le manaane a a farologanang thata a tsa puo. Boikaelelobogolo jwa rona ke go fithelela tsela e e tokafaditsweng ya go ruta le go ithuta.

Re tla fithelela seno ka go tokafatsa maitemogelo a baithuti, a a akaretsang go amogela puo le fa e le efe fela e baithuti ba tlang ka yone mo yunibesithing.

Gore re kgone go dira jalo, re tswelala pele go dirisa dipuo tse di latelang tse go rutwang ka tsone: bopuonngwe (Seesemane, Seaforikanse, Setswana le Sesotho), bopuopharologano, le bopuopedi le go toloka fa go rutwa.

Gape re letla go bua ga motho dipuo tse di farologaneng ka nako e le nngwe. Seno se raya gore re amogela tiriso ya dipuo tse di farologaneng tse baithuti le batlhatlheledi ba kgonang go di bua mo teng ga phaposiborutelo. Ka jalo go ruta ka dipuo tse di farologaneng go dirwa ka mekgwa e e farologaneng, go akaretsa le go toloka fa go rutwa le go fetolela.

Kwa bofelong, seno se tla dira gore baithuti ba rona ba kgone le go tlhagisa botoka diteng tsa go ruta le go ithuta – mme ba tla kgona go dira jalo ka dipuo tsa rona tse di farologaneng.



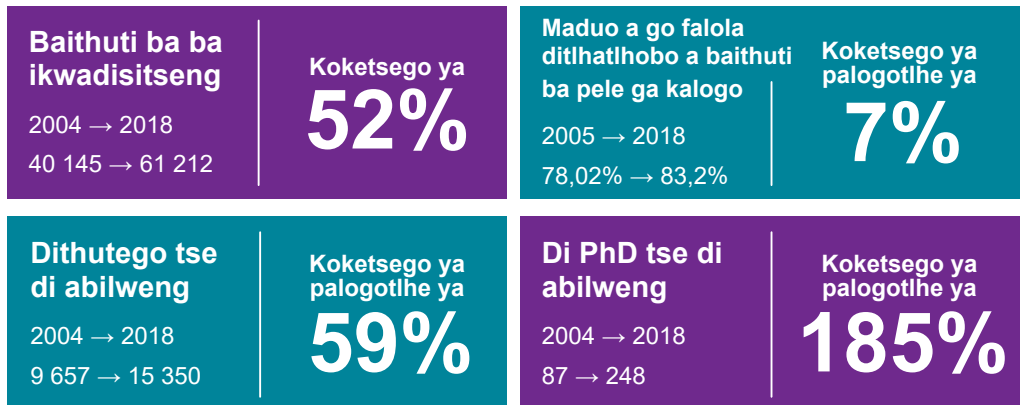
TLHOPHO YA TSA AKATEMI LE GO FETOFETOGA LE MAEMO



Tiro ya NWU ga se fela go ruta: re thusa baithuti go fitlhelela mekgele mengwe mo botshelong. Mo dithutong tsa akatemi, baithuti ba solegelwa molemo ke go itirela ditlhopho tse di siameng le go fetofetoga le maemo, go ba thusa gore ba fitlhelele bokgoni jwa bone ka botlalo le go simolola go ipaakanyetsa mekgele ya bone ya botshelo.

Karata ya maduo a go ruta le go ithuta

Re okeditse fela thata palo ya go ikwadisa ga baithuti ba rona, maduo a go falola ditlhatlhobo le diawate tse di neng tsa abiwa fa e sa le ka 2004 fa NWU e ne e tlhongwa.



Maduo a go falola ditlhatlhobo le dithutego go simolola ka 2014 go fitlha ka 2018

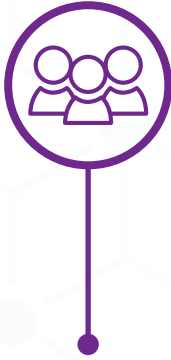
Tshobokanyo ya ngwaga le ngwaga ya tiro ya rona ya dingwaga di le tlhano tse di fetileng e re naya pono ya bošeng fela jaana..

	2014	2015	2016	2017	2018
Maduo a go falola ditlhatlhobo a baithuti ba pele ga kalogo	86,1%	85,1%	86,16%	85,08%	83,2%
Maduo a kalogo	24,1%	24,3%	27,62%	25,6%	25,1%
Di dikirii le di dipoloma tse di abilweng	15 254	15 597	17 510	16 004	15 350
Go abiwa ga di dikirii tsa masetase	746	742	744	813	753
Di PhD tse di abilweng	171	222	238	235	248

DIKGONO TSE DI BOTLHOKWA TSA NAGA YA RONA



Go dirisa mokgwa wa go ruta baithuti ba le mo setheong sa thuto le/kgotsa ba le kgakala le setheo sa thuto le dithekenoloji tse di tshwanetseng tsa go ruta le go ithuta, NWU e na le mananeo a a farologaneng a dithutego le a akatemi a boikaelelo jwa one e leng go tlhama mefuta e e farologaneng ya bokgoni jo bo bonwang sewelo le jo bo logetsweng maano mo baaloling ba yone.



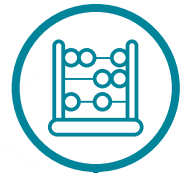
Barutabana

Legoro la Thuto le thusa thata gore re nne le barutabana ba ba tlokegang thata ba ba rutegileng, le ba seporofesenale. Ke lengwe la mafapha a le mmalwa a a nang le seabe sa go katisa batlhatlheledi ba bategeniki, ba puso le ba thekenoloji ya motlakase, ba ba batlegang thata. Boenjenere jwa ditshwantsho tse di tlamilweng ka khomphiutha le jone bo etelediwa kwa pele jaaka serutwa se se botlhokwa, jaaka go ntse ka mananeothuto a pele ga kalogo le a morago ga kalogo a dikgono tse di kgethegileng tse di bonwang sewelo, tse di jaaka tsa disaense, mmetshe le dipuo.

Babalamatlotlo

Re na le di dikirii di le nne tsa seporofesenale tsa bobalamatlotlo go fitlha kwa kगतong ya onase: BCom ya Diforensiki, Babalamatlotlo ba ba Kwadisitsweng, Bobalamatlotlo jwa Batsamaisi le Bobalamatlotlo jwa Ditšhelete. NWU ke yone fela yunibesithi mo Aforikaborwa e e rutang dithutego tseno tse nne tsa pele ga kalogo le dikgato tsa onase. Gantsi baithuti ba NWU ba dira sentle ka metlha mo ditlathobong tsa go tshwanelega tsa Setheo sa Aforikaborwa sa Babalamatlotlo ba ba Kwadisitsweng.

Re na le dithuto tsa di dikirii tsa masetase tsa dikgono tse di kgethegileng tse di tlokegang thata tse di jaaka tsa bobalamatlotlo, bobalamatlotlo jwa diforensiki, lekgetho, botsamaisi jwa lefapha la badiri, botsamaisi jwa bojanala, jwa dipalopalo, go boloka tshedimose tso, go laola Kgonego ya go nna le ditatlhegelo tsa madi le kgwebisano ya boditšhabatšhaba. Gape re na le dithuto tsa PhD ya Dithuto tsa Ikonomi le Disaense tsa Botsamaisi le mananeothuto a mafelo a a botlhokwa a go dira patlisiso e e jaaka ya Bobalamatlotlo jwa Diforensiki, Kgwebisano ya Boditšhabatšhaba, Go Laola Kgonego ya go Nna le Ditatlhegelo tsa Madi, Bobalamatlotlo, Lekgetho le Botsamaisi jwa Dikamano le Badiri, gareng ga tse dingwe.



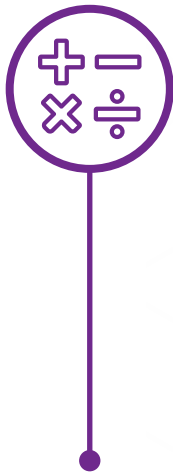


Molao

Legoro la tsa Molao le itsege ka baalogi ba lone ba molao wa kgwebisano ya Boditšhabatšhaba, molao wa tsa tikologo le tlihabololo e e kgonang go itsetsepela, dirutwa tse di bothokwa tsa naga e e tlihabologang.

Bojanala

Go siamisa bothata jwa go tlohega ga dimmenejara tse di tshwanelegang sentle tsa bojanala mo Aforikaborwa, re ruta dithuto tsa di dikirii tse di tsamaisanang le ditlohego tsa intaseteri. Mo dithutong tse re di rutang tsa BA, BCom le BSc, re dira gore thuto ka tsa bojanala e fetele kwa kगतong e e latelang mme re alosa baalogi ba ba kgonang go thusa ka kgolo ya bojanala mo Aforikaborwa. Intaseteri eno e na le bokgoni jwa go fetola boemo jwa Aforikaborwa gore bo nne botoka mo dingwageng tse di tlang.



Bomankge ba mmetshe le banetetshi ba tlhago

Re ruta dithuto di le mmalwa tsa dithutego tsa pele ga kalogo le tsa morago ga kalogo tsa dirutwa tse di bothokwa tsa mmetshe le tsa disaense tsa tlhago. Mmetshe ke puo ya saense, mme e tshegetsatshe tsa ditlhabologo tsothe tsa saense le tsa patlisiso. E thusa ka ditsela tse dintsi, tse di jaaka go tlamela ka mekgwa ya go kokoanya deitha, go e sekaseka le go ntsha pego ka yone.

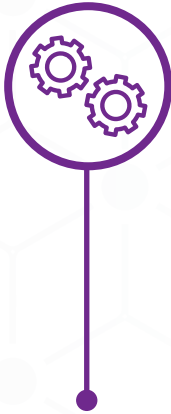
Gape re ruta dithuto tse di kgethegileng tsa mmetshe wa kgwebo le go kokoanya tshedimosetso tsa tshekatsheko ya kgwebo, botsamaisi jwa tshekatsheko ya bontsi jwa ditatlhegelo tsa madi le mmetshe wa tsa ditšhelete. Mo godimo ga moo, re ruta banetetshi ba dikhomphiutha, bategeniki ba thekenoloji ya tshedimosetso, bomankge ba ditsamaiso tsa tshedimosetso, e bile re tlhomelela baithuti ba rona ka dikgono tse ba di tlhokang tsa phetogo ya bone ya intaseteri. Bonetetshi jwa tlhago jo bo jaaka fisika, khemeseteri le disaense tsa thutatshelo le tsone di bothokwa thata go tlamela ka ditlhoko tsa naga ya rona.

Badirakapuo

Mo Aforikaborwa wa bopuontsi le ditso tse di farologaneng, dikgono tse di kgethegileng tsa bofetoledi, go tseleganya mokwalo, go toloka, go fetolela didirisiwa tse go reediwang le go bogelwa (go fetolelwa ga molaetsa mo sekerining le go tlhalosetsa ba ba sa boneng modumo o o reeditsweng) le puo ya diatla di bothokwa thata, e bile go na le tlhokego e e golang ya badirakapuo ba ba tshwanelegang ba ba tlatselatsang go tlihabololo ya bopuontsi mo setšhabeng.

Re tlamela ka thuto le katiso ya baithuti ba pele ga kalogo le ba morago ga kalogo mo dikarolong tseno tsa go dira ka puo. Mo kगतong ya morago ga kalogo, re tlhama dikgono tse di kgethegileng tsa go dira patlisiso le go tlamela ka katiso ya mekgwa e e kwa pele ya go dira patlisiso ya go dira ka puo. (Dikai tsa teng ke tshekatsheko ya corpus, go latedisa dilo ka leitlho le go latedisa mmogo le go rekota dikonopo tsothe tse di tobeditsweng mo khomphiutheng, e leng thuto e e rutwang ke NWU fela mo kगतong ya morago ga kalogo.)





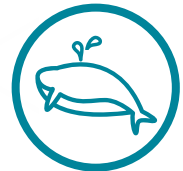
Baenjenere

Re ruta dithuto tse di kgethegileng go simolola ka tsa boenjenere jwa dikhemikale (go akaretsa le go tlotlha diminerale) le didirisiwa tsa boenjenere tsa metšhini e e dirisiwang ka motlakase go fitlha ka boenjenere jwa metšhini le boenjenere jwa intaseteri. Boikaelelo jwa Legoro la Boenjenere ke go thomelela baenjenere le babatlisisi ka ditharabololo tse di kopanetsweng tsa mathata a motlakase.

Mo kgwedding le mo intasetering, basadi ga ba a emelwa go le kalo mo tirong ya mmetshe le ya dipalopalo (4:5) le ICT le thekenoloji (2:5), le mo tirong ya boenjenere, ya bothami le ya go aga (3:10). Mo dingwageng di le tharo tse di fetileng, setlhophha sa basadi ba baithuti ba boenjenere se ne se dira palogotlhe ya 20% ya baenjenere. Seno ke koketsego ya 5% fa e sa le dikgatharabololo tsa Basadi ba Baenjenere (Women in Engineering [WIE]) di simolola ka 2015.

Bategeniki ba pholo ya diphologolo

Re katisa bategeniki ba pholo ya diphologolo ba ba nang le seabe se se bothokwa thata ka gonne go na le thaelo e e seng kana ka sepe ya dingaka tse di katisitsweng tsa diphologolo mo Aforikaborwa, mmogo le tlokego ya bategeniki ba ba katiseditsweng go dira patlisiso.



Dirutwa tse di fetang se le sengwe ka ga pholo

Thotloetso ya MHS ya dirutwa tse di fetang se le sengwe ka ga pholo e thomelela baithuti go dira patlisiso ka pholo go tswa mo dirutweng tse di farologaneng, ka go tsaya karolo ka tlhagafalo mo gare ga baagi. E thomelela baithuti ka dikgono tsa bothokwa tse di tlokegang mo nageng ya rona e e nang le dikgwetho tse di raraaneng tsa pholo.

Banetetshi ba melemo ya kalafi

DST/NWU Preclinical Drug Development Platform (PCDDP) ke polatefomo e mo nakong e e fetileng e Lefapha la Saense le Thekenoloji le neng le e tshegetsatsa ka madi mo nakong e e fetileng. Nngwe ya ditiro tsa yone ke go katisa baithuti ba morago ga kalogo ba ba ithutelang Disaense tsa Melemo ya Kalafi mo Legorong la Disaense tsa Pholo.



Bathati ba taolo ya melemo ya kalafi

Senthara ya WHO ya Tirisanommogo ka ga Tlhomamisa ka tsa Boleng jwa Melemo ya Kalafi e tswela pele go tlhama dikhoso tse di ntšha tse di khutshwane tsa bathati ba taolo ya melemo ya kalafi ba boditšhabatšhaba, go aga le go nonotsha tiro ya go e laola.

Batlhokomedi ba bophepa mo tirong

BHSc ya Bophepa mo tirong ke yone fela dikirii ya seporofesenale ya dingwaga di le nne ya batlhokomedi ba bophepa mo tirong mo Aforikaborwa. Seno gape se mosola mo dinageng tse di mabapi, tse thulaganyo ya tsone ya bophepa mo tirong e ikaegileng ka molao le bokgoni jwa mo Aforikaborwa



Thuto ka diporofesene tsa pholo



Senthara ya Thuto ka Diporofesene tsa Pholo e tlhomelela baakatemi gore ba nne babatlisisi mo thutogodimong ya go ruta le go ithuta, mme go dira jalo go tlamela ka tikologo ya maemo a a kwa godimo e baithuti ba saense ya pholo ba ithutelang mo go yone le go bapala dikgono tse di botlhokwa tsa thutong ya porofesene ya pholo.

Batloki ba dipuo tsa bogologolo

NWU e tlhomologile ka ntlha ya go ruta dipuo di le mmalwa tsa bogologolo. Go nna le kitso ka dipuo tseno ga e bolo go nna bokgoni jo bo bonwang sewelo mme le fa e le baithuti ba le mmalwa fela ba ba ithutang dipuo tseno tsa bogologolo, batloki ba ditokomane tsa bogologolo ba tlhokega thata.



Dimmenejara tsa tikologo

Lefapha la Thutogodimo le Katiso le umakile botsamaisi jwa tikologo jaaka tiro e e "tlhokegang thata" mme le e biditse tiro ya boemo jwa bo 35 mo go 100 e e bonwang sewelo thata mo Aforikaborwa. Porokeramo ya masetase ya NWU ka ga botsamaisi jwa tikologo, e e tshwarwang ke Yuniti ya Disaense tsa Tikologo le Botsamaisi, e tlamela ka katiso ya maemo a a kwa godimo ya morago ga kalogo le ka tiro ya go dira patlisiso e e amanang le ditsamaiso tse di farologaneng tsa tikologo le didirisiwa tsa teng.

Barulaganyi ba toropo le ba kgaolo

Borulaganyi jwa toropo le jwa kgaolo le jone ke bokgoni jo bo tlhokegang thata mo setšhabeng, gape ke nngwe ya dikgono tsa tse tlhano tse di etelediwang kwa pele tse di tshwaetsweng go newa tlhokomelo ka bonako mo pegong ya Letsholo le le Kopanetsweng la Go Eteletsa Pele Go lthutwa ga Bokgoni jwa Tiro (Joint Initiative on Priority Skills Acquisition [JIPSA]). Legora la NWU la Disaense tsa Tlhago le Temothuo le tlamela ka thutego ya BS ya Borulaganyi jwa Toropo le Kgaolo, dikirii ya ngwaga o le mongwe ya seporofesenale e e neilweng tetelelosemmuso ke Leggotla la SA la Barulaganyi ba Toropo le ba Kgaolo.

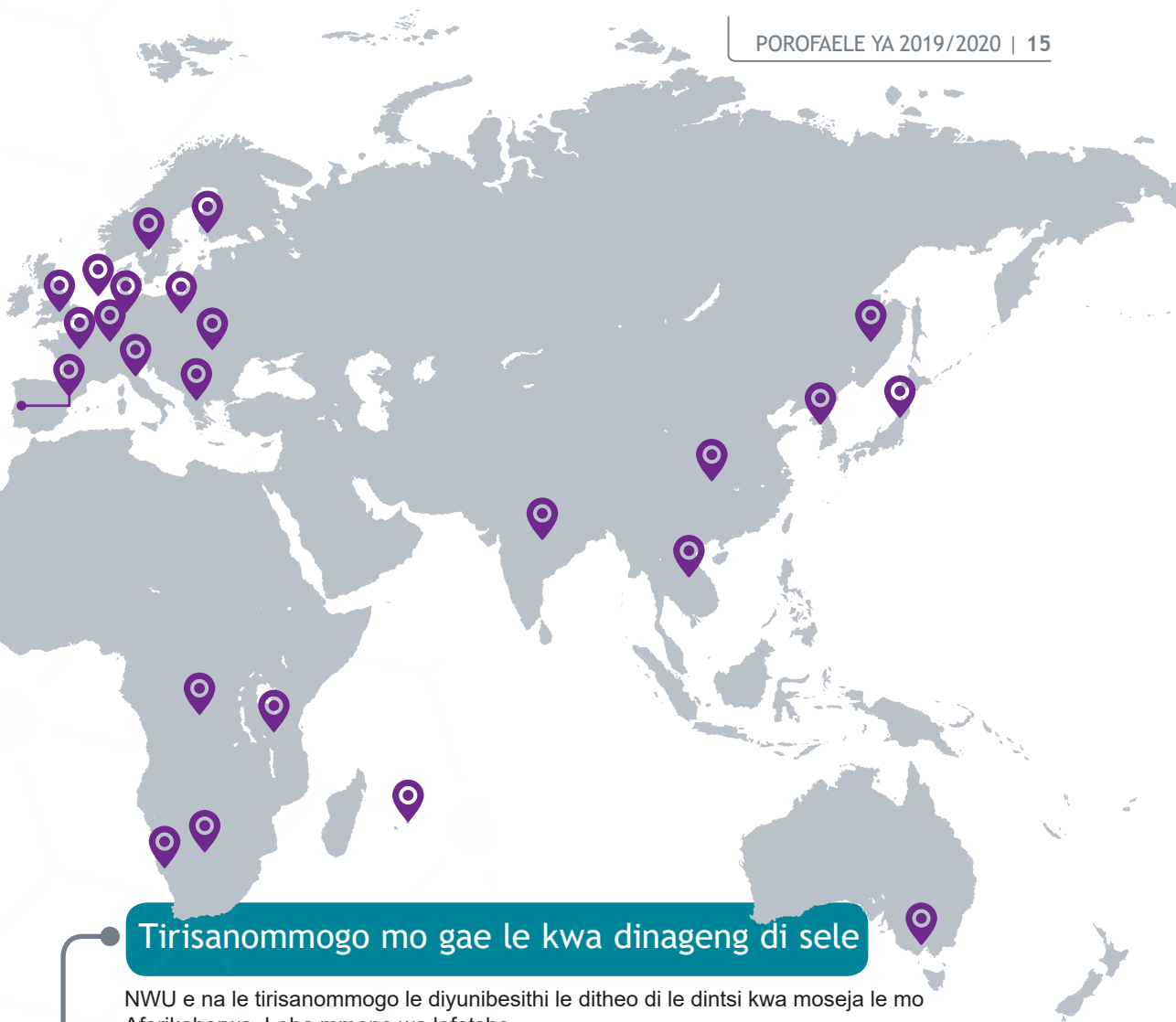


RE DIRISANA MMOGO LE LEFATSHE LOTLHE

Ka go dirisana mmogo le diyunibesithi le ditheo tse dingwe tsa dinaga di sele, re karolo ya ba ba ithutelang thutogodimo mo lefatsheng lotlhe. Ditiro tsa rona tsa go tlisa dilo tsoitlhe ka fa tlase ga taolo ya boditšhabatšhaba di akaretsa go dirisana mmogo ga baithuti le badiri le tirisano mmogo mo dithutong, mo patlisisong, mo setsong le mo dikgannyeng tsa metshameko.

Ka 2018, re ne re na le baithuti ba le 2 614 go tswa kwa dinageng tse di fetang 80. Mo gare ga bone go ne go na le baithuti ba morago ga kalogo ga le 1 472, go akaretsa le baithutelagerata ya bongaka ba le 517.





Tirisanommogo mo gae le kwa dinageng di sele

NWU e na le tirisanommogo le diyunibesithi le ditheo di le dintsi kwa moseja le mo Aforikaborwa. Leba mmepe wa lefatshe.

Ditheo tsa boditšhabatšhaba le tsone di aname lefatshe ka bophara mme di na le ditlamo tse di tshwaregileng ka dirutwa tse di farologaneng, go simolola ka tsa kalafi, pholo, thutabomodimo le tsa maatla a motlakase go fitlha ka tsa dithuto tsa ikonomi, thuto, kgwebo le metshameko.

Mo Aforikaborwa, re dirisana mmogo le batsayakarolo ba diintaseteri tse di jaaka tsa Melemo ya Kalafi, bojanala, meepe, banka le tse di tlamelang ka maatla a motlakase, gape re dirisana le dikgwebo tsa lefelo la rona, dimusiamo le dirapa tsa diphologolo.

Gape re na le dikamano le ditheo tsa bosetšhaba tsa seporofesene le makgotlataolo mo ditirong tsa boithutatlhaloganyo, molao, thuto, pholo, bojanala, temothuo, bobalamatlotlo, lefapha la matlotlo, boenjeneri le mafapha a metšhini e e dirang jaaka batho.

Re buisana le mafapha a le mmalwa a porofense le a puso, le go dirisana mmogo thata le maloko a baagi, balaodi ba setso, ditelapa tsa metshameko (tsa selegae, tsa porofense le tsa bosetšhaba), dikokoano tsa kgwebo le bommasepala ba selegae.

GO TLISA PHAROLOGANO MO BAAGELANING BA RONA



Go tthomamisa gore diphelelo e nna tse di itsetsepelang

Go abelana le ba bangwe bokgoni jwa rona go tsamaisana le tiro ya rona ya konokono: (go ruta le go ithuta le go dira patlisiso) mme go gatelela diphelelo tse di tla itsetsepelang le ka fa di tla amang baagi ka gone.

Dingwe tsa ditiro tseno di tsenya lotseno lwa madi lwa boraro ka dikhoso tse di khutshwane, ka dikgakololano kgotsa ka go ruta ga bangwe thekenoloji.

Le fa go ntse jalo, gantsi ditiro tse re nnang le seabe mo go tsone gantsi ga se tse di nang le porofete. Go na le moo di kgontsha badiri le baithuti go tokafatsa maemo mo baaging ka go nna le seabe mo ditrong tsa thabololo, mo diporojeke tsa tirelosetšhaba, matsholo le go ithaopa.

Ditiro tse re nnang le seabe mo go tsone gantsi di akaretsa go dira patlisiso ka ga baagi le go e dira le baagi. Ditiro tseno di dirisana mmogo, di akaretsa thutano le tiro e e felelang ka go ithuta ga baithuti kgotsa ditirelo tse di felelang ka go ithuta.

Mo lenaanethalong le sele Go ikemisetsa ga NWU go nna le seabe mo loagong go akarediwa mo teng ga maikaelelo (mokgele) wa rona, o o akaretsang go ithuta ka natla, go tsibogela maemo mo loagong le mokgwa wa go amega ka ba bangwe. Re leba bommasepala ba bararo ba dikhamphase tsa rona di leng mo go bone jaaka baagi ba rona ba konokono.

Ka 2018, NWU e ne e tshwaregile ka ditiro di ka nna 201 mo baaging. Re ne re ikarabelela ka botlalo ka diporojeke dingwe le go tsaya karolo mo go tse dingwe tseo diporojeke tsa tsone di neng di eteletswe pele ke ditlhopho tse dingwe.

Mo dikhamphaseng tse thari, go ne ga duwa matsholo a ka nna 100 mo baaging a a neng a eteletswe pele ke baithuti. Mo godimo ga moo, go nnile le ditiro tse dingwe tse di neng tsa dirwa fa di ne di tlhokega tse di jaaka matsholo a go rora metsi le go ema nokeng megwanto ya Mokgatlho wa Kankere wa Aforikaborwa.



Go nna le seabe mo baaging

Go kgontsha, go tlabolola le go dira gore baagi ba nne le seabe, re simolola kgotsa re tsaya karolo mo diporojekeng tse di farologaneng:

- ▶ tse di katisang batlhokomedi ba dikeretšhe, maloko a di NGO, batlhankedi ba puso, go simolola dikgwebo (ka go tlhoma mogopolo mo bagwebing ba sesadi) le go tlhomelela balemirui ba ba sa ntseng ba fatlhoga
- ▶ tse di abelanang bokgoni jwa rona jwa tiro ka mananeo a radio ya mo baaging
- ▶ tse di tlamelang ka ditirelo tsa mahala tsa semolao le tsa go thusa batho ba ba sa kgoneng go duelela ditirelo ka ditiro tsa konokono tsa tlhokomelo ya diphologolo
- ▶ tse di tlišang ditšeliniki tsa metshameko mo teng ga dikhamphase le gaufi le tsone



Go nna bosemphato le dikolo

Re baakanyetsa barutwana ba ba solofetsang ba kereiti 12 ditlathlhubo tsa bone tsa materiki, go nna le Sekolo sa Mariga le Beke ya Saense, go aba disete tsa MyLab le go thusa ka ditekeletso tsa saense ya tlhago.

Mo godimo ga moo, re katisa barutabana, badiri ba mo diofising le baeteledipele ba thuto, re thusa go tlhoma dilaeborari tse di ntšha kgotsa go thusa tse di leng teng go atolosiwa, re ruta baopedi ba ba botlana ba ba nang le bokgoni mmimo le go thusa barutabana go lootsa bokgoni jwa bone jaaka bakatši ba tsa metshameko.

Setlhopha sa rona se se tlišang diphelelo tse di tla itsetsepelang mo Tikologong le sone se weditse dipatlisiso di le mmalwa tse di kopanetsweng le dikgwebo le baagi, ka go lekanya diphelelo tsa dikgatharabololo tsa bone mo loagong.



TSHOMARELO YA DITSOMPE



Tlhokomelo ya tikologo le go ruta batho ka yone e botlhokwa mo go rona. Ngwaga le ngwaga, re nna le dikgaisano tsa dikago tsa bonno tsa baithuti tsa go somarela motlakase mme ga jaanong jaana re tlhlotlhomisa gore ditsompelo tsotlhe di dirisiwa ka bontsi jo bo kae. Ditlhopha tsa tiro di thusa go somela le go fokotsa selekanyo se metsi le motlakase di dirisiwang ka sone.

Ka Beke ya Lefatshe ka Bophara ya Phetogo ya Tlalaemete, re kgabisa ka dibuka tse di buang ka phetogo ya tlaemete le go tshwara dipontsho tsa botsweretsi (tse dilo tse di takilweng go simolola ka dilatlhwa tse di busesiwang tirong gape) le go tshwara metlotlo ya diphanele ka kang eno.



Go lwantsha HIV/Aids

Leroborobo la HIV/Aids le na le diphelelo tse di seng kana ka sepe mo Aforikaborwa mme go lwantsha ke tiro e e etelediwa kwa pele mo yunibesithing.

Ditirelo tsa HIV/Aids di teng mo dikhamphaseng tsotlhe ka Go Naya Baithuti Kgakololo le Kgodiso ya Bokgoni jwa Bone, Pholo le Botsogo jo bo Siameng jwa Badiri, le diteliniki tsa pholo mo dikhamphaseng. Di tlamela ka ditiro tsa go ithaopela go sidilwa maikutlo (le go sidilwa maikutlo go go tsayang lobaka lo lo leele) le go dirwa diteko ga baithuti le badiri.

Baithuti ba ka nna ba nna le seabe jaaka balweladiphetogo mo dikhamphaseng tsa bone. Ofisi ya NWU ya HIV e tlhomile mogopolo mo go ruteng botlhe ka thibelo ya HIV, go nyonywa le go kgaphelwa kwa thoko, thuto ka ga tsalo, thibelo ya go tshwaediwa ga ngwana ke mmaagwe, thobalano e e sireletsegileng le dikamano tse di siameng le ba bangwe.

TLHAMOSEŠWA YA BOKAMOSO



Lotseno lwa madi ka ntlha ya tlhamosešwa

Ditshwanelo tsa semolao mmogo le ditheko tsa dikumo di tsentse lotseno lwa mo e ka nnang R18 milione ka 2018. Mo photefoliong ya rona ya ditshwanelo tsa semolao, go na le ditlhamo di le 56 tsa ditshwanelo tsa semolao tse di abilweng tsa RSA, e bile tse dingwe tse dintsi di kwadisiwa kwa dinageng di sele, tse di fitlhang go dinaga di le 59 fa di feletse. Go tla go fitlha jaanong, go kwadisitsweng dikopo tsa batho ka bongwe di le 636 tsa ditshwanelo tsa semolao.

NWU e ne ya kaiwa e le yunibesithi ya tlhamosešwa go feta tse dingwe mo Aforikaborwa mo Clarivate Analytics IP, le ya tshekatsheko ya tlhamosešwa, mme e ne ya begwa jalo kwa Khonferenseng ya Mokgatlho wa Patlisiso wa Aforikaborwa le Botsamaiso jwa Tlhamosešwaw (South African Research and Innovation Management Association) (SARIMA) ka 2017.

Ditlamo tse di tsenyang dipoelo tsa madi

NWU e tlhama ditlamo tsa tlhamosešwa tse dinnye le tsa bogolo jo bo mo magareng jaaka tsela nngwe ya rona ya togamaano ya kgwebo mme e na le dishere tse di lekanang le tsa ditlamo-nnye tseno kgotsa e bona madi fa ditlamo tseno di bona madi. NWU ga e bolo go tlhama ditlamo tse di tsenyang dipoelo tsa madi di le 36 tsa thekenoloji, di le 27 tsa tsone di sa ntshe di le teng.

Go botlhokwa go nna le madi

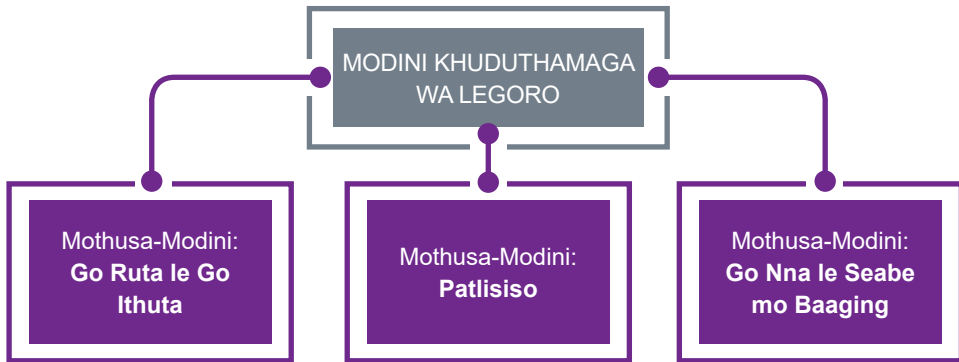
NWU ke yunibesithi e e senang bothata jwa ditšhelete e e kgonang go dira porofete e bile e na le lotseno lwa madi lo lo golang, go sa kgathalesege mathata a go dira ga dilo.

Lotseno lotlhe lwa madi ka 2018: R 901 milione					
	2014	2015	2016	2017	2018
Lotseno lotlhe lwa madi	R3 206m	R3 527m	R3 838m	R4 193m	R4 901m
Go sala ga madi a a oketsegileng (dilo tse di ipoeletsang)	R104m	R136m	R229m	R500m	R860m
Ditshenyegelo mo badiring/ditshenyegelo tsothle	52,6%	54,7%	54,8%	55,9%	55,2%
lotseno lwa madi lo e lo itiretseng	R933m	R946m	R990m	R1 038m	R1 166m
% ya lotseno lwa madi go tswa kwa pusong	39,5%	38,8%	40,1%	41,4%	41,0%
% ya lotseno lwa madi a dituediso tsa dithuto	31,2%	33,2%	32,4%	33,8%	35,1%
Ditshenyegelo tsa madi a diporojeke tsa tlhabololo	R76m	R63m	R53m	R72m	R115m

MAFAPHA A A BOTLHOKWA A NWU: MAGORO A RONA



Magoro a le 8



Dipalo tsa baithuti tsa legoro ke tseno tsa *2019:

Legoro	Baithuti	Mmala wa legoro
Disaense tsa Ikonomi le Botsamaisi	29 549	
Thuto	11 579	
Boenjeneri	1 804	
Disaense tsa Pholo	6 848	
Dithuto tsa Mekgwa ya Batho	6 284	
Molao	3 123	
Disaense tsa Tlhago le Temothuo	6 548	
Thutabomodimo	812	
Palogotlhe	66 547	

* (Dipalo tsa 2019 ga di a felela)

THUTO

Go ithutela kgwebo

Jaaka karolo ya go ithuta ga barutabana, setlhopha sa serutwa sa Disaense tsa Botsamaisi le Thuto se ruta lenaanethuto le le nang le mekgwa e e nonofileng ya go tsamaisa kgwebo gore le rotloetse kgolo ya ikonomi le go se nne le bothata jwa ditšhelete. Gape ba ruta mananeo thuto a makhutshwane a go tsamaisa kgwebo jaaka e nngwe ya tiro ya bone ya go ba ruta batlathleledi boporofesanele mo tirong le go ba katisa.

lobaka lotlhe lwa dithuto tsa bone. Kgato e e latelang ya porojeke eno e ama matsholo a go tlhama dikumo le a go tsamaisa kgwebo.

Ditheo tsa patlisiso tsa NWU

- ▶ Thuto le Ditshwanelo tsa Botho mo Pharologanong (Education and Human Rights in Diversity [Edu-HRights])
- ▶ Go Ithuta ka go Itaola (Self Directed Learning [SDL])
- ▶ Patlisiso ka Thuto mo Baaging (Community-Based Educational Research [COMBER])
- ▶ Edu-Lead

Mananeo thuto a a tlhomologileng

Re lefelo la konokono la go katisa barutabana ka go akaretsa dikgato tsotlhe ka botlalo tsa thuto le ditlhoko tsa barutabana le go dirisa mekgwa-pharologano ya go ruta baithuti ba le mo setheong sa thuto le ba le kgakala le setheo sa thuto.

- ▶ Dithuto tse di rutwang ke Legoro la Thuto di akaretsa dikgato tsotlhe tsa go tsena sekolo le go katisa barutabana. Serutwa se ba se rutang ke BEd, se se akaretsang dikarolo tsotlhe tsa Mananeo thuto a Ntliha a go Ruta Barutabana (Initial Teacher Education [ITE]), e leng kgato ya Motheo, e e Mo Magareng, e e kwa Godimo le Go Tsweledisetsa Pele Thuto le Katiso.
- ▶ Mananeo thuto a morago ga kalogo a akaretsa Setefikeiti sa Morago ga Kalogo sa Thuto (Certificate in Education [PGCE]), e leng lenaanethuto le le kwa pele la go ruta baithuti ba le mo setheong sa thuto kgotsa ba le kgakala le setheo sa thuto, le la dithutego tsa BEdHons, MEd le PhD.
- ▶ Go rutwa Mananeo a a Tsweleng pele (Continuing Education [CE]) a kgato ya Setefikeiti le ya Dipoloma mmogo le mananeo thuto a a melediawang mathe a morago ga kalogo (BEdHons, MEd le PhD) mo Legorong la Thuto.

Go nna le seabe mo baaging

- ▶ Legoro la Thuto le dirisana gaufi thata le baagi mo diporojeke tse di farologaneng:
- ▶ Baithuti ba morago ga kalogo ba Maano a Thuto e e Mosola ya Boithutatlhaloganyo ba tlamela ka ditirelo tse di kgethegileng tsa kemonokeng kwa bookelong jwa porofense.
- ▶ Porojekepotlana ya Banetetshi ba Aforika e thusa ka katiso ya go tlwaediwa mafulo mo tirong ya batlathleledi ba Mophato wa Motheo mo dikolong di le mmalwa, le go baya barutwana leitho le go ba tshegetsatsa mo thutong ya mmele le ya saense. Standard Bank of South Africa e tlamela ka tshegetso ya madi.
- ▶ Legoro le tlamela ka meikgatlo ya 'green' ya baithuti ba basetsana ka

Modulasetulo wa Patlisiso

- ▶ Modulasetulo wa UNESCO wa Mekgwa-Pharologano ya go Ithuta le wa Metswedi ya Thuto e e Bonwang mo Inthaneteng (OER [Open Educational Resources])

DISAENSE TSA IKONOMI LE BOTSAMAISI

Go ithutela kgwebo

- ▶ Jaaka fa mebaraka ya ditiro e ntse e ngotlega le ditšhono tse di tlwaelegileng tsa go bona ditiro di ntse di fokotsega, go tsamaisa kgwebo go nna botlhokwa go ya pele. Ka dithuto tse di farologaneng tsa akatemi le tsa tlhabololo ya dikgono tsa tiro mo go tsa kgwebo, NWU e kgontsha baithuti go nna le dikgono tse ba di tlhokang gore ba tsenye tirisong dikgopolo tsa bone tsa bokgoni jwa go tlhama.
- ▶ Maitemogelo a go dira tiro ya kgwebo ka tlhamalalo a ithutwa kwa Senthareng ya NWU ya Tlhabololo ya Kgwebo (Enterprise Development Centre [EDC]) kwa Vanderbijlpark. Ditiro tseno di akaretsa kgaisano ya baithuti ya kgwebo, mekgatho e mebedi ya baithuti (YEBO le Enactus) le boeteledipele jwa morago ga kalogo le lenaneo la tlhabololo ya dikgono tsa tiro la baalogi ba IT. Batsamaisakgwebo ba sesadi ba ka tsaya karolo mo Lenaneong la Basadi la Kgwebo, mme bagwebi ba ba mo baaging ba ka nna maloko a lenaneo la rona la go godisa dikgono tsa tiro kgotsa ba ka solegelwa molemo ke bakatisi kgotsa batho ba ba thabang ba bangwe botlhale.
- ▶ Mananeo a go tsamaisa kgwebo a akarediwa mo thutegong ya BCom ya Disaense tsa Botsamaisi di kopantswe le serutwa sa tshireletsego kgotsa sa botsamaisi jwa kgwebo. Dimmojule tsa go rarabolola mathata tsa dimmenejara di akarediwa mo thutegong ya BCom ya Disaense tsa Botsamaisi, BSc IT le Disaense tsa Badirisi tsa BSc.

Sekolo sa Kgwebo sa NWU

Sekolo se tlamela ka dithutego tsa nakwana le mananeothuto a akatemi mo mesong ka bo Matlhatso ka Seaforikanse kwa khamphaseng kwa Potchefstroom, Mantaga maitseboa ka Seesemane kwa khamphaseng ya Vanderbijlpark, le ka Seesemane ka mafelobeke mangwe a a tlhophilweng kwa khamphaseng ya Mahikeng. Thutego ya MBA e neilwe tetelelelo-semmuso ke Mokgatlo wa di MBA (Association of MBAs [AMBA]).

Mananeothuto a a tlhomologileng

- ▶ Mo gare ga mananeothuto a rona a a rategang thata go na le: Dithuto tsa Ikonomi tsa Dipalangwa, Botsamaisi jwa Dithulaganyo-Kakaretso, Bobalamatlotlo jwa Diforensiki, Kgwebisano ya Boditšhabatšhaba, Dithuto tsa Ikonomi tsa Temothuo, Lekgetho, Diirelo tsa Banka le Taolo ya Kgonego ya Ditatlhego tsa Madi, Taolo ya e e Dirisiwang ya Kgonego ya Ditatlhego tsa Madi, Bobalamatlotlo jwa Botsamaisi, Bobalamatlotlo jwa Ditšhelete, Botsamaisi jwa tsa Bojanala.
- ▶ Lenaneothuto le le Khutshwane ka ga Botsamaisi jwa Ditshedi tsa Naga le ngoka batsayakarolo ba bosetšhaba le ba dinaga di sele mme Senthara ya Taolo e e Dirisiwang ya Kgonego ya Ditatlhego tsa Madi e ruta MCom ya nakwana ya maemo a a kwa godimo ya dingwaga di le pedi ya Taolo e e Dirisiwang ya Kgonego ya Ditatlhego tsa Madi.

- ▶ Lenaneothuto la Bobalamatlotlo jwa Diforensiki le na le Dikhoso tsa Katiso le Ditlhatlhobo tsa Boto tsa go nna maloko ka botlalo a Setheo sa Badiri ba Diforensiki tsa Kgwebo (Institute of Commercial Forensic Practitioners [ICFP]), setheo sa seporofesenale se se itaolang sa badiri ba diforensiki tsa kgwebo mo Aforikaborwa se se neilweng tetelelosemmuso ke SAQA.

Badulasetulo ba Patlisiso

Modulasetulo wa Mokgatlo wa Kgwebo wa Lefatshe Lotlhe (World Trade Organisation Chair [WTO])

Ditheo tsa patlisiso tsa NWU

- ▶ Patlisiso ka tsa Bojanala mo Tikologong ya tsa Ikonomi le mo Loagong (Tourism Research in Economic Environs and Society [TREES])
- ▶ Workwell: Yuniti ya Patlisiso ya Disaense tsa Ikonomi le Botsamaisi
- ▶ Kgwebo le Tlhabololo (Trade and Development [TRADE])
- ▶ Talente ya Tlhamosešwa Lefatshe ka Bophara (Global Innovative Focussed Talent [GIFT])
- ▶ Thuto e e Tokafaditsweng ya Thekenoloji le le Thuto ya Tlhamosešwa le Katiso, ya Aforikaborwa (Technology-Enhanced Learning and Innovative Education and Training, South Africa [TELIT-SA])

Go nna le seabe mo baaging

- ▶ Badiri le baithuti ba rona ba iketleeeditse go thusa baagi ba ba leng gaufi le bone ka go ba ruta kitso le ka go ithaopa. Badiri ba ba tswang kwa Sekolong sa Bobalamatlotlo ba thusa setheo sa puso ka go nna maloko a boto ya bookelo jwa General de la Rey le boto ya bookelo jwa Thusong, go katisetsa mmasepala wa selegae wa Mahikeng go dira ka ditšhelete le go tokafatsa dikgono tsa tiro tsa barutabana ba bobalamatlotlo ba dikolo tsa selegae.
- ▶ Baithuti ba tshwara dithuto tse dingwe gape tsa bobalamatlotlo le tsa mmetshe kwa sekolong sa lefelo la bone go thusa barutwana mme gape ba nna le seabe mo go kokoanyeng dibuka le go mo diporojekeng tsa go busetsa dilatlhwa tirisong gape. Go tshwarwa mananeo a go tsamaisa kgwebo a basadi mme Senthara ya Puisokwalo ya Ikonomi e thusitse banna ba le 30 go tswa mo baaging ka botsamaisi jwa tsa ditšhelete.

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TALETSO GO BAPAKAKGWEBO BA BASADI

- A o simolotse kgwebo fela maloba kgotsa o ikaeletse go e simolola?
- A o tlhoka thuso go tlhabolola kgwebo ya gago?

FA E LE GORE O ARABILE GO RE EBU, LENAANE LA BASADI BA BAPAKAKGWEBO KE LA GAGO!

BOENJENERE

Go ithutela kgwebo

Tsela e re dirang akatemi ya rona ka yone e ikaegile ka mokgwa wa go akanyetsa kgwebo. Diporojeke di le mmalwa tsa ngwaga wa bofelo le tsa morago ga kalogo di ile tsa fetolwa go nna dikgwebo tse di atlegileng jaaka Dithekenoloji tsa CFAM, Jonker Sailplanes le Genio Intelligent Roasters.

Mmojulu wa boenjenerere jwa kgwebo mo teng ga Boenjenerere jwa Intaseteri o rulagantswe go tsamaisana le baithuti ba ba tllhamang leano le le tshegediwang ka madi la kgwebo. Mmojulu wa botsamaisi jwa boenjenerere o na le dirutwa di le mmalwa tse di farologaneng le dirutwa tse dintsi tse mo go tsone baithuti ba berekanang le dikarolo tse di farologaneng, go akaretsa le dithuto tsa ikononi.

Mananeothuto a a tllhomologileng

- ▶ Di dikirii tsa rona tsa boditšhabatšhaba tse di neilweng tetelelo-semmuso tsa BEng di na le dikarolo di le supa tse di kgethegileng. Ke boenjenerere jwa dikhemikhale, boenjenerere jwa dikhemikhale le go tllhothwa ga diminerale, boenjenerere jwa dikhomphiutha le jwa eleketeroniki, boenjenerere jwa motlakase le jwa eleketeroniki, boenjenerere jwa metšhini e e dirisiwang ka motlakase, boenjenerere jwa metšhini le boenjenerere jwa intaseteri.
- ▶ Go na le ditšhono tse di seng kana ka sepe tsa go ithutela dikirii ya

Ditheo tsa patlisiso tsa NWU

- ▶ Senthara ya Tiro ya Maemo a a kwa Godimo ya Maekwane a a Dirilweng ka Khabone
- ▶ Yuniti ya Ditsamaiso tse Eneji le Thekenoloji
- ▶ Dithekenoloji tsa Puo ya Bopuontsi (Multilingual Speech Technologies [MuST])

morago ga kalogo. Mo kगतong ya masetase, go na le ditselana di le pedi: di dikirii tsa masetase tsa boenjenerere kgotsa masetase ya saense mo tirong ya boenjenerere. Eno ya bofelo e na le dikarolo di le supa tse di kgethegileng, e leng ya dikhemikhale, khomphiutha le eleketeroniki, motlakase le eleketeroniki, metšhini, nyutlelia, tllhabololo le botsamaisi, le intaseteri. Dithuto tsa Masetase ya Saense ke tsa boenjenerere jwa metšhini, khomphiutha le eleketeroniki, motlakase le eleketeroniki, metšhini le nyutlelia.

- ▶ Go rutwa di dikirii tsa gerata ya bongaka tsa dikhemikhale, khomphiutha, khomphiutha le eleketeroniki, eleketeroniki, motlakase, motlakase le eleketeroniki, tllhabololo le botsamaisi, metšhini, nyutlelia, boenjenerere jwa saense le boenjenerere jwa intaseteri.
- ▶ Gape re lengwe la magoro a le mmalwa la boenjenerere go ruta dipoloma ya morago ga kalogo ya Saense ya Nyutlelia le Thekenoloji.

Badulasetulo ba patlisiso

- ▶ Modulasetulo wa Patlisiso ya DST/NRF ka Patlisiso ya Magala (SARChI)
- ▶ Modulasetulo wa Patlisiso wa DST/NRF ka Maokwane a a Dirilweng ka Ditshedi le Maokwane a Mangwe a Sele a a Phepa (SARChI)
- ▶ Modulasetulo wa Patlisiso ya DST/NRF ka Boenjenere jwa Nyutlelia (SARChI)
- ▶ Senthara ya Ditiro tse di Kgethegileng ya ESKOM EPPEI ya go Taolo ya Digase tse di Ntshediwang mo Lefaufaung

Ditlamo tse di dirisiwang, dipolatelyo le ditheo

- ▶ Senthara ya Bokgoni ka Ditirelo tsa DST/HySA mo go thagiseng haeterojene, poloko ya yone, tsamaiso ya yone le melawana ya tshireletsego le ditekanyetso tsa yone
- ▶ Senthara ya DTI ya Tihamo e e kwa Pele (DTI Centre for Advanced Manufacturing [CFAM])

Go nna le seabe mo baaging

- ▶ Akatemi ya rona ya Saense, Boenjenere, Thekenoloji le Pholo (Science, Engineering, Technology and Health [SETH]) e katisa baenjenere ba ka moso ka go tshwara dithuto tse di oketsegileng kwa sekolong se segolo sa Potchefstroom. Gape SETH e tshwara mananeo thuto a pele ga go ya yunibesithing, Xcel, a a thusang badirakopo go tokafatsa dipholo tsa bone tsa Setifikeiti sa Bosetšhaba sa Sekolo se Segolo mo thutong ya mmetshe le ya disaense tsa fisika.
- ▶ Gape re tlhama didirisiwa tsa mmobaele le didirisiwa tse di thusang badiri le balwetse kwa lefapheng la Bookelo jwa Potchefstroom la Pholo mo Tirong, le go aga mafelo a porojeke ya baagi ba Orange Farm ya go dira ditshingwana.



DISAENSE TSA PHOLO

Mananeothuto a a tlhomologileng

- ▶ Go simolola ka disaense tsa melemo ya kalafi le dijo tse di nang le dikotla go fitlha ka bophepa mo tirong, go tshela sentle le go sireletsa bana, Legoro la Disaense tsa Pholo le na le mananeothuto a boleng jo bo kwa godimo a a farologaneng.
- ▶ Mangwe a mananeothuto ano ke a a sa tshwaneng le ape mo Aforikaborwa, a a jaaka BHSc le PhD ya Bophepa mo Tirong le tiro ya diforensiki ya MSW le ya go sireletsa bana.
- ▶ Masetase ya Rona ya Khemisi mo Mananeothutong a Tiro ya Khemisi e katisetsa bakhemisi ba seporofesenele ba ba tshwanelegang ditiro tse di kgethegileng tse ba tileng go di dira. Tseno ke ditiro tsa go baya leitlho melemo ya kalafi gore e dira jang le tsa go ithuta diphelelo tsa melemo ya kalafi mo badirising ba yone, melemo ya kalafi, go dira sentle ga melemo ya kalafi le pholisi, le o laola ga puso tlhokomelo ya melemo ya kalafi
- ▶ Mananeothuto a mangwe a a tlhomologileng ke:
 - MSc le PhD ya Disaense tsa Melemo ya Kalafi
 - MSc (dijo tse di Nang le Dikotla) le MSc (Balwetse ba Sukiri)
 - MHSc le PhD mo Thutong ya Diporofesene tsa Pholo
 - MHSc mo Tswedisopeleng ya Dirutwa tse di Fetang se le Sengwe tsa Pholo

- PhD ya Dirutwa tse di Fetang se le Sengwe tsa Disaense tsa Pholo
- BHSc ya bophepa mo tirong le thuto ya tsamaiso ya dikarolo tsa mmele (dikirii ya seporofesenele ya dingwaga di le nne)
- MA le PhD ya Go Tshela Sentle
- Masetase ya Disaense tsa Pholo mo Patlisisong ya Boithutatlhaloganyo

Go ithutela kgwebo

- ▶ Serutwa sa tlhabololo ya kgwebo ke sa disaense tsa badirisi, tse di nayang baithuti tšhono ya go dira tiro ka thamalalo e e amanang le dijo, fešene , botsamaisi jwa kgwebo le go maketa kgotsa go nna le kgopolo fela ka tiro eno Karolo e e kgethang ya mananeothuto a mantšha a tlhabololo ya dikumo tsa dijo le kgwebo ya tlhagiso ya difešene e amana le go tlhamiwa ga kumo e e diretsweng badirisi, mme tiro eno e oketsa didirisiwa tsa baithuti ba botsamaisi jwa kgwebo.

Ditšhono tse dingwe tsa go ithutela kgwebo di rutwa ka:

- ▶ Yuniti ya rona ya Aforika ya Dirutwa tse Dintsi ya Patlisiso ka Pholo (Our Africa Unit for Transdisciplinary Health Research [AUTher]), e e itsetsepelang lobaka lo lo leele, e e tsayang karolo mo patlisisong ya tsa kgwebo, mo go nneng le seabe mo baaging mo tirong ya go ruta le go ithuta.

- ▶ Social Greenhouse®, e e kgontshang kumo e e kgonang go itsetsepela e e dirilweng mo baaging go tlamela baagi ka dilo tse ba di tlhokang tsa thekenoloji.
- ▶ DST/NWU Preclinical Drug Development Platform (PCDDP), ya go ithutelwa ga dithutego tsa morago ga kalogo tse di kopanyang akatemi le intaseteri. Diporojeke tsa patlisiso tsa baithuti gantsi di dira fa go nna le kopo go tswa kwa intasetering, kgotsa go tswa kwa mafapheng a puso, mme a kgontsha baithuti go dirisa melaometheo ya saense fa ba ntse ba tlwaelana le dipatlafalo tsa taolo mo tirong.

(Physical Activity, Sport and Recreation [PhASRec])

- ▶ Boleng jwa Tiro ya Booki le Bobelegisi (Quality in Nursing and Midwifery [NuMiQ])
- ▶ Malwetse a a Bakwang ke Mokgwa wa Botshelo
- ▶ Tiriso ya Melemo ya Kalafi mo Aforika Borwa (Medicine Usage in South Africa [MUSA])
- ▶ Bophepa mo Tirong le Letsholo la Patlisiso ka Pholo (Occupational Hygiene and Health Research Initiative [OHHRI])

Ditheo tsa patlisiso tsa NWU

- ▶ Senthara ya Tiro ya Maemo a a kwa Godimo ya Dijo tse di Nang le Dikotla (Centre of Excellence for Nutrition [CEN])
- ▶ Senthara ya Tiro ya Maemo a a kwa Godimo ya Disaense tsa Melemo ya Kalafi (PharMaCen)
- ▶ Setlhopha sa Patlisiso ka Kgatelelo e e kwa Godimo ya Madi mo Aforika (Hypertension in Africa Research Team [HART])
- ▶ Yuniti ya Aforika ya Dirutwa tse Dintsi tsa Patlisiso ka Pholo (Africa Unit for Trans-disciplinary Health Research [AUTHeR])
- ▶ Patlisiso ka Boithutatlhaloganyo ya motho Mo Loagong (Community Psychosocial Research [Compres])
- ▶ Tiro e e Batlang Maikatlapelo a Mmele, Metshameko le Boitlosobodutu

Dipolatelyo tse di dirisiwang, disenthara le ditheo

DST/NWU Preclinical Drug Development Platform (PCDDP)

Lekgotla la Patlisiso ka tsa Kalafi Yuniti ya Tiro e e Oketsegileng ka Kgatelelo ya Madi le Bolwetse jwa Pelo

Setheo sa patlisiso ka tsa kgwebo

Senthara ya Melemo ya Kalafi le Ditirelo tsa Diphelelo Tse Melemo ya Kalafi e Nnang le Tsone mo Mmeleng



Go nna le seabe mo baaging

- ▶ Re leka ka natla go tokafatsa pholo ya Maaforikaborwa, le ya batho ba bangwe kwa dinageng tse dingwe tsa Aforika.
- ▶ AitaHealth ke porojeke ya konokono e e diretsweng go thusa baagi e e akaretsang go etela magae le go kokoanya tshedimosetso ka nako ya ketelo mo teng ga founo ya mmobaele. Gape re tshwara dithuto tsa go itshidila mmele tsa basadi kwa Ikageng kwa Potchefstroom le go tshwara porokeramo ya go ithuta kgono ya go tsamaisa dikarolo tsa mmele ga baagi ba House Amelia, senthara ya tlhokomelo ya batho ba ba nang le bogole jwa tlhologanyo. Ka Phelophepa Train, baiuthuti ba boithutatlhologanyo, khemisi le ba booki ba tlamela maloko a baagi ka ditirelo.

- ▶ Diporojeke di le pedi di tlhoma mogopolo go ruteng badiri dikgono tsa tiro. ImpENSA e tokafatsa thulaganyo ya go newa ga bana dijo tse di nang le dikotla ba sa le bannye le pholo ya bone ka go tlhomelela baporofesenale ba pholo le badiri ba pholo mo gare ga baagi. Lenaneo la Boeteledipele la DiJo tse di Nang le Dikotla la Aforika, lenaneo la Pan-African, le katisetsa batho go nna le bokgoni jwa go etelela pele mo kgannyeng ya dijo tse di nang le dikotla mo gare ga baporofesenale mo kontinenteng ya Aforika.

Modulasetulo wa Patlisiso

Modulasetulo wa Patlisiso wa DST/NRF wa Go Lemoga Bolwetse jwa Pelo Go sa le Gale le go bo Thibela mo Aforika (SARChI)

DISAENSE TSA BOTHO

Mananeothuto a a tlhomologileng

Dithuto tsa Megwa ya Batho di tlhomelela baiuthuti ba ba nang le tsela e e tseneletseng ya go akanya le dikgono tsa go dira ditshekatsheko, tse di tswelolang pele go nna bothokwa mo lefatsheng leno la ditiro tsa dijethale.

- ▶ Boikaelelo jwa lenaanethuto la dingwaga di le nne la BA ya Go Dira Ditshwantsho ka Khomphiutha ke go tlagisa bararabolola-mathata ba ba nang le bokgoni jwa go tlhama ba ba siametseng go ka tsena mo mmarakeng wa tiro.

- ▶ Sekolo se se Rutang Dipuo se aba basari gangwe ka ngwaga ya bokana ka R1 milione go tswa kwa Lefapheng la Botshweretshi le Setso ya baiuthuti ba ba ithutelang dipuo, bomankge ba puo le bokgoni jwa puo jo bo tsennngwang tirisong go simolola ka baiuthuti ba pele ga kalogo go fitlha kwa kगतong ya masetase. Baiuthuti botlhe ba ba ikwadisitseng ba ka kgona go newa dibasari mo mananeothutong a rona mo dikhamphaseng tsotlhe.
- ▶ Nonofa ya bothokwa e e fitlhelwang mo dirutweng tsa rona tsa puo ke go huma ga rona ka didirisiwa tsa dijethale le bokgoni. NWU e tshwara

Senthara ya Aforikaborwa ya Metswedi-Tshedimosetso ya Dijethale ka Dipuo (South African Centre for Digital Language Resources [SADiLar]), e leng go tlhama corpus ya dipuo tsa akatemi ya go ithuta ya bopuontsi, mo gare ga diporojeke tse dingwe. Gape re karolo ya Senthara ya Ditheo tse di Farologaneng tsa Tlhabololo ya Dipuo le Tshekatsheko (Inter-institutional Centre for Language Development and Assessment [ICELDA]), e boikaelelo jwa yone e leng go tlhomamisa gore go dirwa teko e e sa gobeleteng e e senang tlhaolele ya puisokwalo ya akatemi le gore e tlhama sedirisiwa sa go kwala sa mo inthaneteng.

Ditheo tsa patlisiso tsa NWU

Yuniti ya Dipuo le Puisokwalo mo Aforikaborwa

- ▶ Go Kgontsha Pontsho ka Botlalo ya Bokgoni jwa Batho ka Bongwe, ya Batho mo Loagong le ya Setheo (Enabling Optimal Expression of Individual, Social and Institutional Potential [OPTENTIA])
- ▶ Baagi le Pholo
- ▶ Diphetogo mo Loagong
- ▶ Go Tlhaloganya le go Berekana le Puo mo Maemong a a Raraaneng (Understanding & Processing Language in Complex Settings [UPSET])
- ▶ Mmedia wa Dipuo tsa Seaforika mo Aforika ((UPSET)
- ▶ Indigenous Language Media in Africa [ILMA])
- ▶ Diatshe tsa Mmino mo Aforikaborwa: Metswedi ya Tshedimosetso le Didirisiwa tsa Khomphiutha (Resources and Applications [MASARA])

- ▶ Dikanelo tse di Kgonang go Bonwa le Dipholo tsa Tlhamo (Visual Narratives and Creative Outputs [VINCO]) ka Patlisiso ya Dirutwa tse di Farologaneng e e Eteletwang pele ke Tiro.

Dipolatelyo tse di dirisiwang, disenthara le ditheo

Senthara ya Aforikaborwa ya Metswedi-Tshedimosetso ya Dijethale ka Dipuo (SADiLar)

Go nna le seabe mo baaging

- ▶ Lenaneothuto la Go Ithuta Mmino mo Baaging ba Musikhane kwa Sekolong sa Mmino le bulela barutwana le baithuti le barutabana ditšhono tsa go nna le maitemogelo a a mosola ka mmimo. Porokeramo eno e golagane le dimmojule tse botlhe ba patelesegang go di dira tsa mmimo wa mo baaging mme e amana le ditheo di le tlhano tsa mo baaging, go akaretse le dikolo di le tharo tsa sekontari mo Potchefstroom. Lenaanethuto leno le dira dipatlisiso ka thuto ka ga mmimo, tlhabololo ya dikgono tsa badiri le go tsaya karolo mo mminong ga maloko a baagi.
- ▶ Byderhand ke porojeke ya dirutwa tse dintsi tsa puisokwalo ya dijethale ya Lefapha la Bokgoni jwa Boithamedu jwa go Kwala. E tlamela barutwana ba ba sa kgoneng go bona sentle ka tshedimosetsano, maitemogelo a go buisa ba dirisa ditemosi tse di farologaneng le dimmedia tse di farologaneng, diteng le diseting, jaaka Lefelo la Tshingwana ya NWU kwa Potchefstroom le Poetry Garden kwa Breytenbach Centre ya ba ba sa kgoneng go bona sentle kwa Wellington.

MOLAO

Mananeothuto a a tihomologileng

Legoro la tsa Molao le ananeelwa thata ka ntlha ya boeteledipele jwa lone jwa go godisa ditiro tse di jaaka molao ka tsa tikologo, molao wa taolo le kgwebisano ya boditšhabatšhaba, e ntse e boloka boleng mo makaleng a le mantsi a setso a molao jaaka molao ka tsa kgwebo le molao ka tsa bokebekwa.

Dithuto tsa rona tsa morago ga kalogo ke nonofo e e botlhokwa tota, e e akaretsang:

- ▶ Gerata ya melao ya bongaka ya dirutwa tse di farologaneng, jaaka molao wa puso, molao wa tsa bokebekwa le wa mekgwatsamaiso, molao wa kgwebisano ya boditšhabatšhaba le molao wa kgwebo, molao wa tsa tikologo le molao

- ▶ PhD mo melaong ya molao le tihabololo
- ▶ Dikgaso tse pedi tsa LLM (patlisiso kgotsa tiro ya khoso) ka mananeo a le 19 a a farologaneng a a kgethegileng a dikarolo tse di farologaneng tsa molao
- ▶ MPhil ya molao wa tikologo le molao wa taolo le molao wa tsa bokebekwa wa seporofesenale wa LLM le mekgwatsamaiso ya teng

Modulasetulo wa Patlisiso

Modulasetulo wa Patlisiso wa DST/NRF mo Ditoropong, Molao le Go Tshwarelela ga Tikologo (SARChI)

Setheo sa patlisiso sa NWU

Yuniti ya Patlisiso ka Tsa Molao, Tshiamiso le Go Tshwarelela ga One

Go nna le seabe mo baaging

Re abelana ka bokgoni jwa rona jwa tsa molao mo mananeong a radio ya mo baaging e bile re tlamela ka ditirelo tsa mahala tsa semolao kwa ditelining tsa rona tsa molao mo bathong ba ba sa kgoneng go duelela kgakololo ya semolao.



DISAENSE TSA TLHAGO LE TSA TEMOTHUO

Go ithutela kgwebo

Re na le dithutego tse di farologaneng tsa go ithutela kgwebo, ka sekai mo ditirong tsa saense ya go dipalopalo, mmetshe wa kgwebo le go boloka tshedimosetso, le ditshekatsheko ka tsa kgwebo.

Dipolatelyamo tse di dirisiwang, disenthara le ditheo

- ▶ Senthara ya DST/NRF ya Ditsamaiso tsa Kitso ya Setso (CIKS)
- ▶ Senthara ya Tshilo ya Dijo mo Mmeleng

Ditheo tsa patlisiso tsa NWU

- ▶ Senthara ya Patlisiso ka Lefaufau
- ▶ Yuniti ya Mmetshe wa Kgwebo le Go Boloka Tshedimosetso (Mathematics and Informatics [BMI])
- ▶ Yuniti ya Disaense tsa Tikologo le Botsamaisi (UESM)
- ▶ Go Kgaoganya Dikhemikhale ka Ditlhopha (Chemical Resource Beneficiation [CRB])
- ▶ Tshilo ya Dijo mo Mmeleng wa Motho
- ▶ Tlhamosešwa ya Dilo tsa Saense le Go Bopa (Material Science Innovation and Modelling [MaSIM])
- ▶ Go se Tlhaele ga Dijo le Tshireletso ya Tsone

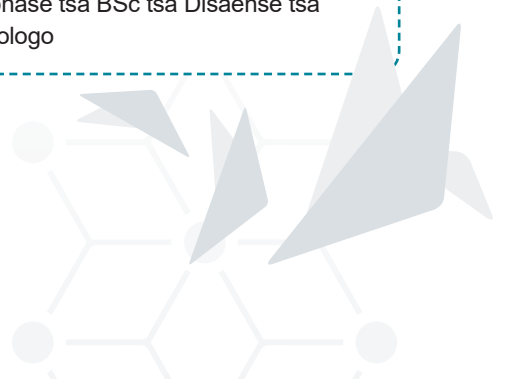
Mananeothuto a a tlhomogileng

Legoro le ruta mananeothuto a mantsi thata a pele ga kalogo a temothuo, a tikologo le a disaense mme le nna le farologane le ditheo tse dingwe tse dintsi ka go tseenelela kwa teng ga mananeothuto a one a masetase le a gerata ya bongaka le go farologana ga one le a ditheo tse dingwe. Mabaka ano a akaretsa:

- ▶ MSc ya saense ya boithutadinaledi le lefaufau
- ▶ MSc ya Disaense tsa Tikologo tse di kopantsweng le Go Laola Disenyi
- ▶ PhD ya pholo ya dipologolo
- ▶ Dikirii ya Batšhelara le ya masetase ya ditsamaiso tsa kitso ya setso
- ▶ PhD ya Saense e e nang le Saense ya Dikotsi tsa Masetlapelo
- ▶ Dionase tsa BSc tsa Disaense tsa Tikologo

Badulasetulo ba patlisiso

- ▶ Modulasetulo wa Patlisiso wa DST/NRF mo Boithutadinaledi le Fisika ya Lefaufau (SARChI)
- ▶ Modulasetulo wa Dipatlisiso tse Pedi tsa DST/NRF SA-NAM tsa Bolepadinaledi le Boithutadinaledi (SARChI)



Go nna le seabe mo baaging

Diporojeke tsa rona di golagana thata le ditlhoko tsa baagi mo merafeng.

- ▶ Nngwe ya diporojeke tsa rona ke go tlisetsa dipusoselegae kitso ya go fokotsa dikotsi tsa go tlhaga ga masetlapelo go tokafatsa tlamelo ka ditirelo mo baaging. Mo go e nngwe, re ruta maloko a baagi tsela ya go tlhagisa le go maketa dijo tse di kgonang go itsetsepela kगतलhanong le go fetoga ga tlelaemete, dijo tsa dithoro tsa “amaranth”. Morago ga moo go na le bodirelo jwa go tlhotlha metsi, jo bo tlamelang ka metsi a

a phepa a go nwa mo motseng wa Madibogo.

- ▶ Porojeke ya rona ya dikgomo tsa kwa Nguni e tlhomelela balemirui ba ba fatlhogang gore ba tseenele kgwebo, mme porojeke e nngwe yone ke ya go tlhama melemo ya kalafi ya setso ya diintaseteri tsa go tlamela dikgomo ka dijo.
- ▶ Re na le disenthara di le pedi tsa saense tse di rotloetsang saense, thekenoloji, boenjenerere, mmetsho le disaense tsa tshedimosetso e e isiwang kwa dikolong tsa lefelo la rona le kwa dikolong tsa puso.

THUTABOMODIMO

Mananeothuto a a tlhomologileng

- ▶ BA ya rona ya dipuo tsa bogologolo ke lengwe la mananeothuto a le mmalwa fela mo Aforika a a rutang batho go nna mankge wa puo ya Segerika, Sehebera, Searamaika le dipuo tse dingwe tse di tlokegang gore go dirwe tshakatsheko e e tseeneletseng le go ithutwa ga mokwalo wa bogologolo le Baebele. Gape re nngwe ya diyunibesithi di le mmalwa e e rutang dikirii e e kgethegileng ya setso, le go ruta khosokakaretso e e tlhomologileng ya ditso tsa bogologolo le dikhoso tse dingwe tse dintsi tse motho a ka tlhophang go di ithutela go nna mankge mo go nngwe ya tsone kwa Egepeto, Se-Akkadia ke ditso tse dingwe tsa bogologolo.

- ▶ BTh le go sidilwa maikutlo ke moruti le boithutatlhaloganyo e kopantse dilo tse pedi ka tsela e e tlhomologileng tsa go katisediwa boruti le boithutatlhaloganyo.
- ▶ Morago ga moo go bo go nna le BTh ya baithuti ba ba batlang go tlhomamisediwa bodiredi kwa Mmišining wa Tumelo ya Boaposetola (Apostolic Faith Mission [AFM]). Lenaanethuto leno, le rutiwa moithuti a le kgakala le setheo.
- ▶ Ka fa letlhakoreng le lengwe, BDiv ke ya baithuti ba ba batlang go nna baruti mo teng ga di Reformed Church mo Aforikaborwa (kgotsa mo dikerekeng tse dingwe tsa setso sa kereke eno).
- ▶ MTh ya lenaanethuto la bodiredi jwa Bokeresete e na le makala a a kgethegileng a le robedi e bile e lebelela thata katiso ya nnete ya bodiredi.

Diporojeke mo baaging

- ▶ Re dira le badiri ba dipolase, magolegwa kwa mafelong a kgopololo le barutwana ba sekolo mo mananeothutong a ba ka a kgonang a a otlang semoyeng.
- ▶ Katiso ya LIFEPLAN® le Lenaanethuto le le Tlhomelelang ka tsa Tiro mme le katisa badiri ba mo dipolaseng ka dithogo tse di jaaka dikamano, seriti, botsamaisi jwa ditšhelete le boagi.
- ▶ Ka Lenaanethuto la Katiso la Go Tlhomelela baithuti ka Didirisiwa, re katisa magolegwa kwa Lefelong la Batshwarwa la Potchefstroom la Go Romelwa ga Bone go ya go Letela Tsheko Kwa Gae gore ba nne Borara ba ba nang le mosola.
- ▶ Re na le palo ya diporokerama kwa dikolong tsa mo gae. Diporokerama tse di rotloetsa

- ▶ Barutwana go nna baagi ba ba siameng. Go ba fa kgakololo ya mekgwa ya go ithuta, go tsepama mo
- ▶ boitekanelong jwa barutwana ba basetsana, le go isa kwa pele kitsokwalo le bokgoni jwa akatemi mo
- ▶ barutwaneng.
- ▶ Sekolo sa Dipuo tsa Bogologolo se na le dithuto tsa dipuo tsa semmuso tsa barutwana ba dikolo
- ▶ tsa poraemari le tsa sekontari kwa Potchefstroom.

Ditheo tsa patlisiso tsa NWU

- ▶ Yuniti ya Thutabomodimo ya Diphetogo le Tlhabololo ya Setšhaba sa Aforikaborwa
- ▶ Mekwalo ya Bogologolo: Mokwalo, Diteng le Ka fa e Amogelwang ka Gone



KITSO GA E NA MELELWANE

Yuniti ya rona ya Go Ithuta Kgakala le Setheo sa Thuto (Unit for Open Distance Learning [UODL]) ke ya bobedi mo go tse dikgolo tse di tlamelang ka mananeothuto a go ithuta kgakala le setheo sa thuto mo Aforikaborwa, go laola le go ruta mananeothuto a akatemi go tswa mo magorong a le marataro mo go a le robedi a re nang le one. Bontsi jwa baithuti ba le 19 000 ba ba fitlheletsweng ba tswa kwa Legorong la Thuto.

Mo godimo ga moo, yuniti e ruta Lenaanethuto la Yunibesithi la Go Baakanya Baithuti Bokamoso (University Preparatory Programme [UnivPrep]) gore go nne le ba ka nna 550 ba bone mo Aforikaborwa

Mo dingwageng tse 16 tse di fetileng, baithuti ba ODL ba abetswe dithutego tse di fetang 85 000 tsa NWU. Ka 2018 fela, yuniti e ne ya aba dithutego tsa maemo a tiro di ka nna 6 000.

Ka fa re dirang seno ka gone

Disenthara tsa rona tsa kemonokeng di le 86 mo Aforikaborwa yotlhe, le kwa Namibia, di na le dibototshweu tsa tshedimosetsano.

Ka thekenoloji eno ya tshedimosetsano, baithuti le batlhatheledi ba ka kgona go tlanya, go thala, go leba le go reetsana mo dibototshweung tsa tshedimosetsano tse di fetang 200.

Disetudio di le robedi tsa bošeng di letla dikgaso tsa bosetšhaba le tsa boditšhabatšhaba go tswa mo Yuniting ya kago ya Go ithuta kgakala le setheo sa thuto mo khamphaseng ya Potchefstroom. Mananeo a go ithuta mo setheong sa thuto a a rekotiwa a bo a manegwa mo webong gore a kgone go fitlhelelwa ke baithuti ka nako epe fela morago ga poeletso.

Batlhatheledi le baeteledipele ba lenaanethuto ba teng go naya botlhe

kemonokeng ya akatemi ka founo, imeile, le ka fekese. Gape batlhatheledi ba nne ba le teng go naya botlhe thuso ka namana fa ba dirile peelanonako le bone.

Ditlhatlhobo di tsamaisanngwa le manaanenako a mo khamphaseng a ditlhatlhobo. Yuniti e na le disenthara di le 114 tsa ditlhatlhobo mme e dira ka dipampiri di le 50 000 tsa ditlhatlhobo ka nako nngwe le nngwe fa go kwalwa tlhatlhobo.

Go itsege ga rona go a gola

Mo dingwageng di le mmalwa tse di fetileng, bontsi jwa mafapha porofense a thuto a ne a tsenela tumalano le NWU, go thusa batlhatheledi ba ba sa tshwanelegeng le ba ba tshwanelegang e seng go le kalo go tokafatsa dithutego tsa bone le dikgono tsa bone. Go aba ka bopelotshweu ga ditlamo tsa tshegetso ka madi go re thusa go abela batlhatheledi bangwe kwa mafelong a selegae dibasari.

GO ALOSA BAITHUTI BA BA RUTEGILENG KA BOTLALO

NWU ke lefelo le baithuti ba ka fitlhelelang thuto ya boleng jo bo kwa godimo mo go lone e e tlhagafatsang mogopolo, e e dirang gore ba nagane ka mekgele ya bone le go tsaya dikgato tsa go godisa bokamoso jwa bone. Boikaelelo jwa botshelo jwa mo khamphaseng ke go gola le go godisa dikgono ka botlalo, mme baithuti ba rotloediwa go tsaya karolo mo ditirong tse di farologaneng tsa setso, metshameko, go sidila ba bangwe maikutlo le tsa botsogo jo bo siameng.

Porofaele ya baithuti

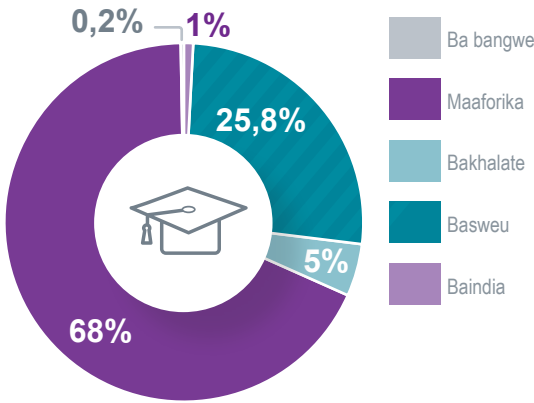
Porofaele ya botshelo jwa mo NWU ke ya dipharologano tsa ditso. Seno se dira gore baithuti ba rona ba nne e mowa wa kgaisano fa ba ntse ba gola mo bokgoning jwa bone le go buisana le ba bangwe mmogo le go amana le ba bangwe.

Ka *2019, porofaele ya baithuti ba NWU e ne e lebega jaana (go simolola ka 1 Seetebosigo):

	2014	2015	2016	2017	2018	2019
Palogotlhe ya baithuti ba ba kwadisitsweng	63 135	64 070	69 736	62 558	65 212	66 737
Ba ba ithutelang mo setheong	37 193	37 943	39 064	41 765	43 418	43 930
Ba ba ithutang ba le kgakala	25 942	26 127	30 672	20 793	17 794	22 807

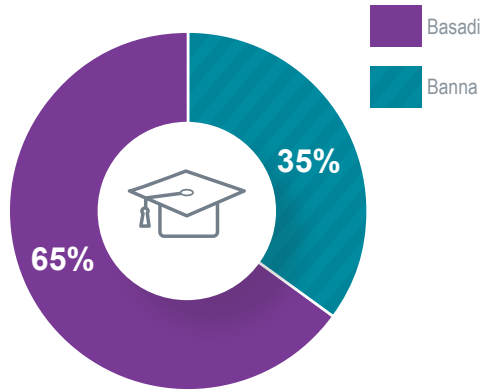
**(Dipalo tsa 2019 ga di a felela)*

Mefuta ya ditso



*(Dipalo tsa 2019 ga di a felela)

Bong jwa bone



*(Dipalo tsa 2019 ga di a felela)

Ba pele ga kalogo vs ba morago ga kalogo

Le fa bontsi jwa baithuti e ne e le baithuti ba pele ga kalogo, NWU gape e ne e na le dipalo tse di boitshegang tsa baithuti ba morago ga kalogo ba ba ikwadisitseng ka *2019. Mo gare ga bone go na le:

Baithuti ba masetase ba le **2 865**

Baithuti ba gerata ya bongaka ba le **1 443**

*(Dipalo tsa 2019 ga di a felela)

Ditlhopho tsa go ithuta

Ditlhopho dingwe ke tseno tsa go ithuta tsa baithuti ka *2019:

Serutwasegolo se se Ithutwang	Ba ba ithutelang mo setheong	Ba ba ithutang ba le kgakala
Saense, Boenjenerere, thekenoloji	11 741.0	91
Kgwebo le botsamaisi	11 590	0
Thuto	7 219.2	21 988
Dithuto tsa mekgwa ya batho le disaense tsa loago	11 078.3	598

*(Dipalo tsa 2019 ga di a felela)

Go rotloetsa katlego mo thutong

Re ruta manaanethuto a le mmalwa go thusa baithuti ka tsa akatemi:

- ▶ Baithuti ba ngwaga wa ntlha ba dira puisokwalo ya akatemi le diteko tsa bokgoni go tlotlhomisa gore a ba ne ba solegelwa molemo ke dimmojule tse di oketsegileng tsa puisokwalo ya akatemi tse di rutwang.
- ▶ Tshegetso e nngwe ya akatemi e akatemi go baya dithaka leitho, dithutano, dilaboratori tsa go buisa le disenthara tsa go kwala.
- ▶ Gape re tlamela ka Thutotlaleletso (Supplementary Instruction [SI]), e leng tsamaiso ya kemonokeng e e amogelwang ke dinaga di sele ya akatemi ya baithuti.
- ▶ Yunibesithi ya Go Baakanyetsa Baithuti Bokamoso (University Preparatory Programme [UnivPrep]) ke lenaanethuto le le thusang baithuti ka se ba tlaelang ka sone bao go seng jalo ba neng ba se kitla ba tshwanelegela go amogelwa mo yunibesithing.
- ▶ Re na le mananeo a go gopotsa baithuti ba ngwaga wa ntlha ba ba ikwadiseditseng mananeo a a akaretsang dimmojule tsa mmetshe dilo dingwe.
- ▶ Mananeo a rona a a farologaneng a a oketsegileng a kgontsha baithuti go wetsa dithuto tsa bone ka go dirisa nako e ba e okeleditsweng.

Ga bo motho go thebe phatshwa

Ga jaanong jaana re na le malao a le 10 646 a a laolwang ke lefapha la Ditirelo tsa Kago ya Bonno le tsa Kapeo. Malao ano a akaretsa a NWU e nang le one mme a mangwe a hiriwa go tswa go batlamela ka ditirelo ba poraefete (ba ba dirisiwang jaaka dikago tsa bonno tsa semmuso tsa yunibesithi).

Palo ya baithuti ba ba nngang kwa dikagong tsa bonno tse di amogetsweng semmuso tse beng ba tsone ba poraefete ba thusitseng ka tsone e fopholediwa gore e fitlha go malao a mangwe gape a le 3 350 mme baithuti ba bangwe ba ba oketsegileng ba nna kwa dikagong tse dingwe tsa poraefete tse di sa newang tetelelo-semmuso,

Go na le dikago tsa bonno di le 38 tse NWU e nang le tsone mo dikhamphaseng di le tharo, le kago e nngwe ya bonno e e seng mo khamphaseng kwa Vanderbijlpark, koo gape re rentang dikago tsa bonno tse dingwe gape di le nne ka kwantle ga khamphase. Kago ya bonno e ntšha mo khamphaseng ya Vanderbijlpark e ne ya wediwa mme baithuti ba fudugela mo go yone ka Phukwi 2019.

Boikaelelo jwa seno ke go tsenya mo go yone 50% ya baithuti ba ba ithutang ba le mo setheong le 75% ya baithuti ba ngwaga wa ntlha mo dikagong tsa bonno mo dingwageng tse 10 tse di latelang.



Go Thusa

Re rotloetsa baithuti ba rona go tsenya letsogo gore ba thuse setšhaba ka go ithaopa.

Fa e sa le ka 2001, khamphase ya rona kwa Potchefstroom e nnye le mokgatlo o mogolo go e feta yotlhe wa baithuti ba ba katlaatlololoago ba ba ikwadisitseng (Tirelosetšhaba ya RAG ya baithuti) mo lefatsheng lotlhe. Ka 2019 komiti ya Rag ya 2018 e ne ya abela diporojeke tse di tshwanelegang le batho bokana ka R2.1 milione ka madi a kolekilweng ke Tirelosetšhaba ya Baithuti ya RAG le RAG mo ngwageng o o fetileng.

Mo godimo ga moo, dikhamphase di tshwara ditiragalo tsa go koleka madi jaaka kolofo le malatsi a mmimo wa jese le ditiragalo tsa mabelo a dibaesekele go tihomamisa gore baithuti ba ba tlhokang ba kgona go ja dijo tse di nang le dikotla gabedi ka letsatsi. Gape baithuti ba dira tiro ya go ithaopa mo baaging kwa magaeng a bana, kwa mafelong a boitshubelo a ba ba senang magae, kwa magaeng a bagodi le mo Mokgatlong wa Thibelo ya Bosetlhogo mo Diphologolong.

Palogotlhe ya ditone di le 15.7 tsa diaparo le dikobo tse di abiwang mo baaging di ne tsa kokoanngwa mo ditiragalong tsa go koleka madi. Baithuti ba ba humanegileng ba neilwe bokana ka R925 776 go tswa kwa SRCS.

Gape baithuti ba thusa ka go ruta mmetshe mo dikolong go thusa barutabana.



GO NAGANA BOKAMOSO LE GO ITSOTSOROPANYA



Baithuti ba na le ditšhono di le dintsi tsa go tlhabolola ditalente tsa bone ka go tsaya karolo mo metshamekong, mo diatsheng, mo dilong tsa setso le ditirong tse dingwe fa sekolo se sena go tswa.

Go tlhagelela thata ga setso

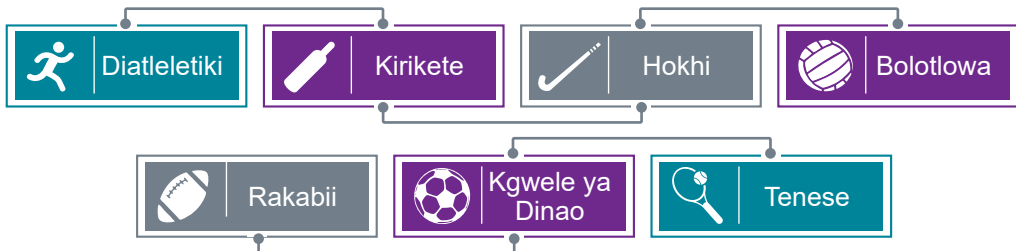
Ditiro tsa setso di akaretsa dingangisano, terama, tantshe le mekgatlho ya setso, diokhesetera, dikonsarata tsa baithuti ba ngwaga wa ntlha, mmimo, dikgaisano tsa ditalente, ditlhopha tsa mmimo, ditlhopha tsa lentswe, meletlo ya diatshe, dipontsho le dikgaisano, dikgaisano tsa bommabontle, diteišene tsa radio tsa mo khamphaseng le dikuranta tsa baithuti.

Go simolola bontle

Go ya ka diphitlhelelo tse di nnileng gone mo lebaleng la metshameko, yunibesithi ke nngwe ya diyunibesithi tse di kwa godimo go di gaisa tsotlhe ya metshameko mo Aforikaborwa. NWU e na le dilo tse di latelang:



Re na le mefuta e le supa ya metshameko:



Gape re na le metshameko e mengwe e mennye le ditiro:

Go Swaya Dibaesekele / karate / softball / sekwashe / go palama dithaba / tenese ya mo tafoleng / kgaisano ya tšhese / go kuka ditshipi / mabole / bolotlowa / tantshe / rakabii ya sevens / diaerobiki / ju-jitsu / motshameko wa mo metsing (go fuduwa mokoro) / go taboga marathone / bolotlowa ya banna / go tlhoma tente ya go palama dipitse.

Re bommampodi

Ditlhophha tsa metshameko tsa NWU di ile tsa ntsha ga tshwene mo dikgaisano tsa bommampodi tsa University Sport South Africa (USSA)

Dintlhakgolo dingwe tsa bošeng ke tseno tsa USSA:



KARATE - MAEMO A NTLHA

bafenyi ka kakaretso
dingwaga di le 20 ka go
latelana



DIJIMINASI - MAEMO A NTLHA

bafenyi ka kakaretso
ngwaga wa boraro ka
go latelana



Maemo a ntlha:
Diatleletiki, bolotlowa,
Setlhophha A le B sa
tenese ya bolo e e nang
le diphofa.



Dipholo tsa Motshameko wa
Varsity:



Maemo a bobedi:
Setlhophha sa B sa
hokhi ya basadi le
kolofo.



Maemo a ntlha:
Diatleletiki le hokhi ya
basadi le kgwele ya
maoto



Maemo a boraro: Hokhi
ya banna, bolotlowa
ya basadi, go tsholetsa
ditshipi, setlhophha A le B
sa sekwashhe



Maemo a boraro: Rakabii

Go itsege kwa dinageng di sele

Palo ya baithuti ba NWU ba tsenela dikgaisano tsa baithuti tsa boditšhabatšhaba.

Baatlelete ba le somenne ba tsere karolo mo Kgaisanong ya Boditšhabatšhaba ya Metshameko ya Yunibesithi (International University Sports Federation [FISU]) ya Diyunibesithi tsa Lefatshe Lotlhe kwa Italy. Chederick van Wyk o gapile dimmentlele tsa selefara tsa 100m le 200m. Rantso Mokopane o gapile mmentlele wa selefara wa 3000m ya go tlola maparego.

Baatlelete ba le bararo ba ne ba emela Aforikaborwa kwa kgaisanong ya IAAF ya Bommampodi ba Lefatshe kwa Denmark.

Baatlelete ba le baratara ba ne ba nna teng kwa Dikgaisanong tsa Aforika kwa Morocco.

Chederick van Wyk o ne a tsaya karolo mo kgaisanong ya Lebelo la Neeletsano la Lefatshe Lotlhe kwa Yokohoma, Japan. O ne a le mongwe wa setlhophsa sa banna

sa 4x200m se se gapileng mmentlele wa selefara. Gape ba ne ba tlhoma rekoto e ntšha ya Aforikaborwa.

Chanté du Toit o tere karolo mo kgaisanong ya International Gymnastics Federation ya itshidilo ya nonotsho ya mmele kwa Russia.

Mothumi Nadia Blaauw o ne a kopilwe go kopana le go tsena mo sethopheng sa Aforikaborwa sa go thumela mo metsing a a bulegileng kwa kgaisanong ya Len Cup 10km kwa Spain.

Pieter van den Berg o ne a tlhomiwa go nna mokatisimogolo wa World University 7's e e neng e tshwaretsewe kwa Milan, Italy. Batshameki ba le babedi ba NWU, Longulo Goza le Eugene Hare e ne e le maloko a setlhophsa sa Aforikaborwa.

Mafelo a ikatiso ya maemo a a kwa godimo

Borametshameko le bommametshameko ba maemo a a kwa godimo ba ba tsayang karolo mo metshamekong e e farologaneng ba dirisa mafelo a maemo a a kwa godimo kwa Setheong sa NWU sa Go Dira ka Natla mo Metshamekong (NWU High Performance Institute [HPI]). Se na le jiminasio e e di gaisang tsoitlhe mo Aforika e e tse tseweng didirisiwa tsa metshameko e bile e na le didirisiwa tsa go ikatisetsa metshameko ya mefuta e e farologaneng, melemo ya kalafi, patlisiso, dijo tse di Nang le Dikotla le ditirelo tsa boithutathaloganyo jwa tsa metshameko.

Setheo sa Saense ya Metshameko le Tlhabololo se tlamela mekgatlo ya bosetšhaba le ya profense ka ditirelo

tsa saense tsa kemonokeng, Akatemi ya Metshameko ya Bokone-Bophirima le metshameko ya mefuta e e farologaneng mo dikhamphaseng tsa rona.

Motsana wa Tsa Metshameko wa segompieno kwa khamphaseng ya NWU kwa Potchefstroom o amogela ditlhophsa tsa metshameko tsa bosetšhaba le tsa dinaga di sele tse di tlang go ikatisa mo mafelong ano.





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Mokgabiso, boalo le kgatiso –

Dinepe

Batlamela ka ditirelo ba NWU le badirimogo





 NWU[®]

