Faculty of Science

UNIVERSITEIT STELLENBOSCH UNIVERSITY

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Fakulteit Natuurwetenskappe

Welcome

Welkom



Prof Doug Rawlings

Welcome on our lovely Matie campus!

As a student in the Faculty of Science you are being faced with a range of new challenges. In this country there exists a dire need for specialists in mathematics, science and technology.

Here at Stellenbosch University you can prepare yourself to make a significant contribution to the development and welfare of South Africa and all its people. as well as ensuring that we can compete with the best in the world when it comes to science and technology.

Onthou, jou studies sal selfdissipline, pligsgetrouheid, harde werk en toewyding verg. Die akademiese jaar is kort en tyd is kosbaar. Terselfdertyd wil ek jou aanmoedig om aan die verskeidenheid sportsoorte en studenteaktiwiteite wat op kampus aangebied word, deel te neem, sodat jy 'n gesonde balans en lewenstyl kan handhaaf.

It is important to work really hard, especially at the start of the first year, to ensure a good foundation on which you can build. During this process you will also develop as a person and as a scientist. It is important to us that every science student should develop into a critical scientist, a creative thinker and a problem solver. The development of these skills is therefore among the important outcomes of the programmes we offer.

Ek hoop jy voel gou tuis. Die eerstejaar is 'n uitdaging en avontuur. Alles van die beste vir jou nuwe lewe as 'n Matie student.

I hope you feel at home from day one. The first year is a great challenge and adventure. All the best with your new life as a Matie student.

Kind regards

Prof Doug Rawlings (Acting dean)

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At your service

Academic coordinator

Wilma Wagener 021 808 3063 ww@sun.ac.za Al Perold Gebou/Building K:2012 Vir programhulp en -navrae of VGP ondersteuning

Faculty officer

Bevin Abels 021 808 4832 Admin A K:2027 bpa@sun.ac.za Vir registrasie of program- en moduleveranderings

Computer usage

Ilse de Kock 021 808 2682 idk@sun.ac.za Al Perold Gebou/Building K:2016b

Dean's secretary

Suzette Els 021 808 3072 se@sun.ac.za Al Perold Gebou/Building K:2014

Faculty Manager

Mariétta van den Worm 021 808 3760 mvdworm@sun.ac.za Al Perold Gebou/Building K2013











How to register

To become a Matie you **HAVE** to **register** as a student. You have options about how you want to go about it – either on the internet or in person. If you are certain about your modules, it is quite easy to register online at **www.mymaties.com**. This service is available from 14 January 2014. Please take note of the following:

- Students doing the extended degree programme (EDP) CANNOT register electronically.
- If you are unsure about your subject choices, or have not yet registered electronically, you HAVE to be at NARGA A on Monday 27 January 2014 between 13:30 and 15:00 to register and to receive the necessary guidance.

It remains your responsibility to ensure that you register for the correct modules specific to your programme. Therefore it is **ESSENTIAL** that you use the latest version (**2014**) of the Science Calendar as a reference. Obtain a copy of the 2014 Calendar from:

www.sun.ac.za/science (at the bottom of the "for students" page) or a hard copy from the Info Kiosk in Admin A.

All about timetables

Class, test and examination timetables

The class, test and examination timetables will only be available on the student portal at **www.mymaties.com**. Please ensure that you obtain a copy and determine your **class as well as exams timetable** well before **Monday 3 February** 2014 when classes start.

Timetables and group arrangements

Some first year modules are divided into more than one group, for example Chemistry 124 (Group 1) and Chemistry 124 (Group 2). The timetables of these groups will differ. Please ensure that you down-load your personal and **specific group allocations** from the student portal **www.mymaties.com**. It will be available as from **Thursday 23 January** 2014.

Students **ARE NOT ALLOWED** to change groups.

Study Programmes for 2014

Programme	Stream	First year curriculum	
Biological Sciences			
Biodiversity and Ecology		I	
Molecular Biology and Biotech- nology		l or 3 (with Bio 154)	
	Biology	I or 3 (with Bio I 54)	
Human Life Sciences	Biology with Psychology	2	
BSc Sport Science		Specific*	
	Physical Sciences		
	Chemistry and Polymer Science	3, 4, 5 or 6	
Chemistry	Chemical Biology	3	
	Textile and Polymer Sciences	3, 4, 5 or 6	
	Nuclear Physics, Radiation and Therapy Physics, *Laser Physics (Physical)	5 , 6 or 7	
Physics	*Laser Physics (Biological)	3	
	Theoretical Physics	7	
Earth Science		Specific*	
Geo-informatics		Specific*	
Mathematical Sciences			
	Financial Mathematics	spec variations of 7*	
	Computer Science	spec variations of 7*	
	Applied Mathematics	spec variations of 7*	
Mathematical Sciences	Mathematics	spec variations of 7*	
	Mathematical Statistics	spec variations of 7*	
	Operational Research	spec variations of 7*	
	Biomathematics	spec variations of 7*	

* see Calendar 2014 Part 5 Science

First year curricula for 2014

General admission requirements

Minimum 65% average in National Certificate Exam

Completion of NBT Afrikaans or English (Home language or First Additional Language) 4

* See tables below for specific admission requirements

Curriculum 2	Mathematics : 5 Physical Science : 4
Biology	124 and 154
Chemistry	124 en 144
Physics Bio	134 and 154
Mathematics Bio	124
Computer Skills	171
Scientific Communication	172
Psychology	114 and 144

Curriculum I	Mathematics : 5 Physical Science : 4
Biology	124 and 144 and 154
Chemistry	124 en 144
Physics Bio	134 and 154
Mathematics Bio	124
Computer Skills	171
Scientific Communication	172

Curriculum 3	Mathematics : 6 Physical Science : 4
Biology	124 and 144 or 154
Chemistry	124 en 144
Physics	114 and 144
Mathematics	114 and 144
Computer Skills	171
Scientific Communication	172

Curriculum 4	Mathematics : 6 Physical Science : 4
Geo-environmental Science	124 and 154
Chemistry	124 en 144
Physics	114 and 144
Mathematics	114 and 144
Computer Skills	171
Scientific Communication	172

Curriculum 5	Mathematics : 6 Physical Science : 4
Chemistry	124 en 144
Physics	114 and 144
Computer Science	114 and 144
Mathematics	114 and 144
Computer Skills	171
Scientific Communication	172

NB NB NB NB NB NB

Use this as a checklist to ensure that you have registered correctly.

Curriculum 7	Mathematics 6 Physical Science 4 (*if Physics & Chemistry)
Physics	114 and 144
Computer Science	114 and 144
Probability Studies and Statis- tics	114
Applied Mathematics	144
Mathematics	114 and 144
Computer Skills	171
Scientific Communication	172

Curriculum 6	Mathematics 6 Physical Science 4
Chemistry	124 en 144
Physics	114 and 144
Probability Studies & Statis- tics	114
Applied Mathematics	144
Mathematics	114 and 144
Computer Skills	171
Scientific Communication	172

Earth Science	Mathematics : 6 OR *Mathematics 5 if Phys- ics (Bio) & Mathematics (Bio)	
Geo-environmental Science	124 and 154	
Earth Science Field Skills	172	
Chemistry	124 en 144	
Physics plus	II4 and I44	
Mathematics	II4 and I44	
OR		
*Biology plus	124	
*Mathematics(Bio) plus	124	
Physics Bio	134 and 154	
Computer Skills	171	
Scientific Communication	172	

BSc Extended Degree Programmes Year I	Special approval if main programme require- ments have not been achieved
Biology or Computer Science	146
Chemistry	176
University Practice in the Natural Sciences	176
Physics	146
Computer Skills	176
Mathematics	176 or 186
Scientific Communication	116 and 146

	Mathematics 6 OR		
	*Mathematics 5 if Phys-		
Geo-infomatics	ics (Bio) and Mathemat-		
	ics (Bio)		
	Physical Science 4		
Geo-environmental Science	124 and 154		
Chemistry	124 and 144		
Mathematics plus	114 and 144		
Computer science plus	114 and 144		
Physics	114 and 144		
OR			
*Mathematics Bio plus	124		
*Physics Bio plus	134 and 154		
*Biology	124		
Computer Skills	171		
Scientific Communication	172		

BSc Sport Science	Mathematics : 5 Physical Science : 4 Selection course
Biology	124 and 154
Chemistry	124 en 144
Physics (Bio)	134 and 154
Mathematics Bio	124
Kinesiology	162 and 182
Computer Skills	171
Scientific Communication	172

Make sense of the terminology

Who's who?

Rector – the head of the University. The SU rector is Prof Russel Botman.

Dean – the head of a faculty. Our acting dean is Prof. Doug Rawlings. The new dean, Prof Louise Warnich, will take office on 1 February 2014.

Departmental chair - head of a department (e.g. Physics or Earth Science).

Programme coordinator – the person who coordinates and organises the curriculum of a particular programme and who can help with any queries you might have with your specific programme.

Programmes, modules - what are they?

Programme is the correct name for the particular "course" you are enrolled for, e.g. BSc *Biodiversity and Ecology*. All programmes lead to a particular qualification you will obtain after the successful completion of your studies, e.g. a BSc degree.

If a particular programme has two different course options, they are called **streams**. E.g. BSc Human Life Sciences has two **streams**: *Biology* or *Biology with Psychology* .

Each programme has a fixed curriculum consisting of **subjects**. **Subjects** consist of units called **modules**. Certain **modules** are only presented in the first semester, others only in the second semester, while some are taken for the full year. The code of each module will supply you with this information. These codes can be obtained from the Calendar of our faculty yearbook

What's up with all the numbers?

Each subject has a specific **5-digit identification number**, e.g. 59404. This number is only used to find information on the intranet. The **3-digit number** following the module name is very important, e.g. *Biochemistry 214*:

The **first number <u>2</u>14** indicates the year in which it is followed:

 \underline{I} indicates the first year

2 indicates the second year and

 $\underline{3}$ the third year etc.

The **second number 214** indicates the semester in which the module is presented.

Numbers 1, 2 or 3 refers to the FIRST semester; Numbers 4, 5 or 6 refers to the SECOND semester; Numbers 7, 8 or 9 refers to a YEAR module. The **last number 214** is used to differentiate between modules.

What is a credit?

Each module has a particular number of credits (e.g. 16) that contributes to the total credit value that is needed to complete your programme. The credit value gives an indication of the time that the particular module will take out of your total class and study time. You can multiply the credit value by 10 to obtain the total number of hours you need to spend (contact sessions, study hours as well as test and exam time) on this module, e.g. 16 credits \times 10 equals 160 hours.

What happens if you do not pass all the modules?

In our faculty you need to obtain **at least 50%** of your **first year credits** (not modules) to be allowed to continue with your second year. If not, you will have to apply for readmission and supply detailed motivation why the Readmission Committee should allow you to continue your studies. Readmission is **NOT** guaranteed. Rather work hard from the start and seek help in time if you experience any problems.

How long is a contact session?

The contact sessions for each module are indicated in the Calendar:

L is for lecture (50 min)

P is for **practical** (150 min)

T is for **tutorial session** (usually between 100 to 150 min)

If you cannot attend a compulsory contact session for valid reasons, you must report it to your module coordinator or administration officer and supply the required proof.

Language

The language in which a contact session is mainly offered is also indicated in the Calendar. All tests and assessment material are presented in both languages.

A – mainly Afrikaans

E –mainly English

T – both languages used in the same session

A & E – separate classes in Afrikaans and English offered, depending on student numbers.

Lecturers 2014

Biologie / Biology							
124	Dr A Flemming of	1040 Natuurwetenskappe	8083057 aff@sun.ac.za				
144	Me I Honing	1093 Natuurwetenskappe 8083058 rmh@sun.ac.za					
154							
146	Dr M Mouton	2020 Natuurwetenskappe	8082717				
		Chemie / Chemistry					
124	Dr T le Roex	1041 De Beers	8083343 tlr@sun.ac.za				
144	Dr M Lutz	2010 Polimeerwetenskap	8089251 mlutz@sun.ac.za				
176	Prof E Jacobs	2013 Polimeerwetenskap	8083 I 78 epj@sun.ac.za				
Fisika / Physics							
114	Prof S Wyngaardt	1018 Merensky	8083373 shaunmw@sun.ac.za				
144	Dr L Boonzaaier	1028 Merensky	8083371 leandro@sun.ac.za				
Bio 134	Dr JJ van Zyl	1016 Merensky	8083384 jjvz@sun.ac.za				
Bio 154	Prof R Newman	1017 Merensky	8082592 rtnewman@sun.ac.za				
146	Prof EG Rohwer	1009 Merensky (fisika)	8083478 elsabeb@sun.ac.za				
Fisiologie / Physiology							
4, 44	Dr DeW Strauss	2019 Mike de Vries	8083156 jadws@sun.ac.za				
Geo-omgewingswetenskap / Geo-environmental Science							
124	Dr MA Spocter	2033A Kamer van Mynwese	8083095 mspocter@sun.ac.za				
154	Dr R Heyn	1037A Kamer van Mynwese	8083116 rheyn@sun.ac.za				

Lecturers 2014

Rekenaarwetenskap /Computer Science

114	Prof L van Zijl	A502 Alg Ing wese	8084232 Ivzijl@sun.ac.za				
144	Dr J Geldenhuys	A519 Alg Ing wese	8084232 jaco@sun.ac.za				
Rekenaarvaardigheid / Computer Literacy							
171	Me H Haroldt	3025 Natuurwetenskp	8083521 hharoldt@sun.ac.za				
176	Dr M Bladergroen	Bedryfsielkunde	mbladergroen@sun.ac.za				
		Wiskunde / Mathematics					
114, 144	Dr K Howell	1009D Bedryfsielkunde 8083281 kthowell@sun.ac.;					
Bio 124	Me L Wessels	1009B Bedryfsielkunde	8083852 lwessels@sun.ac.za				
176, 186	Me E Burger	3003 Bedryfsielkunde	8082628 ejburger@sun.ac.za				
Waarskynlikheidsleer & Statistiek / Probability Theory & Statistics							
114	Dr P Grobler	A221 Alg Ingwese	8084229 pgrobler@sun.ac.za				
	Toegepas	ste Wiskunde / Applied Mathe	ematics				
144	Dr H Diedericks	A411 Alg Ingwese	8084222 hardus@sun.ac.za				
Sielkunde / Psychology							
114	Prof AP Greeff	2013 Wilcocksgebou 8083461 apg@sun.ac.za					
144	Dr H Swart	204 Wilcocksgebou	8083461 hswart@sun.ac.za				
Wetenskapkommunikasievaardigheid / Scientific communiction Skills							
116	Me Y Coetsee	Bosmanstraat 7	8082695 yc@sun.ac.za				
172	Me Z Bester	Bosmanstraat 7	8089172 zbester@sun.ac.za				
Universiteitspraktyk in die Natuurwetenskappe							
116	Me W Wagener	2012 Peroldgebou	8083063 ww@sun.ac.za				

Text books for 2014

Biologie/Biology 124,144,154

Russel PJ, Hertz PE, McMillan B. 2nd edition. Biology: The Dynamic Science. Brooks/Cole Cengage Learning.

±R497.95

Chemie/Chemistry 124

Brown, Le May, Bursten, Murphy, Langford, Sagatys. 2nd ed. Chemistry, the Central Science: A Broad Perspective. Pearson.

±R553.50

Chemie/Chemistry 144

Werkboek (by department beskikbaar) /

Workbook (available from department)

Fisika/Physics 114,144

Young HD & Freedman RA. 13th ed. Sears and Zemensky's University Physics. Addison Wesly.

± R635.95

Fisiologie/Physiology 114, 144

Fox, SI. Fundamentals of Human Physiology. McGraw Hill.

±R406.95

Geo-omgewingswetenskap / Geoenvironmental Science 124

Waugh, D. 4th ed. Geography: An integrated approach. Nelson.

±R470.95

Geo-omgewingswetenskap / Geoenvironmental Science 154

Tarbuck EJ & Lutgens FK. 10th ed. Earth: An introduction to Physical Geology. Pearson Prentic Hall. ±R672.95 Busch, RM. Laboratory Manual in Physical Geology. 9th ed. Pearson.

± R479.95

Rekenaarwetenskap/Computer Science 114,144

Sedgewick R & Waynel K. 5th ed. Introduction to Programming in Java. Addison Wesley.

±R548.95

Sielkunde/Psychology 114,144

Swartz L, De la Rey C, & Duncan. 3rd ed. Psychology: An introduction. Oxford.

±R499.95

Wiskunde/Mathematics 114

Howard, Anton & Rorres. 10th ed. Elementary Linear Algebra: with supplementary applications. John Wiley & Sons.

±R474.95

Wiskunde/Mathematics 144

Stewart J. 6th ed. Calculus. Brooks/Cole Pub. ±R476.95

Wiskunde/Mathematics Bio 124

Hoffmann LD & Bradley GL. 10th ed. Applied calculus for Business, Economics, and the Social and Life Sciences. McGraw-Hill

±R589.95

Toegepaste Wiskunde, Waarskynlikheidsleer en Statistiek/Applied Mathematics, Probability Theory and Statistics 114,144

Sheldon Ross. 9th ed. A Frist Course in Probability. Pearson.Prentice Hall (Pearson New International Edition). ±R470

Programme Coordinators

Our programme coordinators coordinate and organise the curriculum of our programmes. Speak to them when you have questions.

BSc Sport science



Dr Karen Welman welman@sun.ac.za 021 808 4733 Sportwetenskap Gebou K:411

Biodiversity & Ecology



Prof Theresa Wossler wossler@sun.ac.za 021 808 3160 Natuurwetenskappe Gebou K:2015

Human Life Sciences



Earth Science



Dr Jodie Miller jmiller@sun.ac.za 021 808 3121 Kamer van Mynwese Gebou K:2007

Mathematical Sciences



Prof Zurab Janelidze <u>zurab@sun.ac.za</u> 021 808 3285 Wiskundige Wetenskappe en Bedryfsielkunde Gebou K:1023C

Molecular Biology & Biotechnology



Prof Rouvay Roodt-Wilding roodt@sun.ac.za, 021 808 5831 JC Smuts Gebou K:A213

Geoinformatics



Dr Jaco Kemp jkemp@sun.ac.za 021 808 9147 Kamer van Mynwese gebou K:1030C

Physical sciences



Physics directions

Prof Shaun Wyngaardt shaunmw@sun.ac.za 021 808 3379 Merensky Gebou K:1018



Chemistry directions Prof Catharine Esterhuysen <u>ce@sun.ac.za</u> 021 808 3345 De Beers Gebou K:1007

Skip Computer Skills...

... if you're good enough

All new first year students are obliged to follow Computer Skills 171 as part of their degree programme. However, if you believe that you already have the necessary skills, you can write a test at the beginning of the academic year to qualify for exemption of this module. It works as follow:

• You must register for Computer Skills 171 during registration. Information about where and when the test will be written, will be provided during the **course of the first week's classes**. You must attend all classes until you receive notice of exemption from this module on the ground of your test results.

Your class fees will be adapted accordingly if you get exemption. To qualify for exemption you must achieve **50% for each section of the test** as well as an average **of 50% for the combined test**.

Direct questions to Ms Hanlie Haroldt 021 808 3521 or hharoldt@sun.ac.za

Class groupings for SCS

It is very important to attend your classes in Scientific Communication Skills (SCS) according to the different modules and groups you have been allocated to. (This is just as important for all the other subject and modules that you follow). You are allocated to main groups on the score of your language access test (academic literary) results.

How do you know in which group to attend class?

You will find all the groupings on **www.mymaties.com**. During the first week of SCS classes, you will also be informed to which smaller group you have been assigned to.You MUST attend classes based on this. It is therefore very important that you attend your classes right from the start!

Contact Ms Zaan Bester 021 808 2695 or zbester@sun.ac.za for support.

Support with Moodle

Moodle has a webpage with **information especially for first year students** in the Faculty of Science (i.e. what to do if you have missed a class, how HEMIS credits work, general announcements and discussion board). There is also a special page on Moodle for each of your modules. It is **very important** that you will **read this on a regular basis**. Most module frameworks are also available here.

Visit http://learn.sun.ac.za and use your regular password and username to sign in.

Home / Courses / Sciences			Search courses.	Go Yi
SUNLearn				
NAVIGATION Home Contact us		Sciences	Course categories.	T
Courses Medicine and Health Sciences	Sciences			
Military Sciences Engineering Economic and Management Sciences	▶ Wiskundige Wetenskappe)		
 Theology Law 				
Agrisciences Education	▶ Fisiologiese Wetenskappe			
 Wiskundige Wetenskappe Nikrabiologio 	▶ Rekenaarwetenskap			
 Mikrobiologie Fisiologiese Wetenskappe Rekenaarwetenskap 	▶ Plant- En Dierkunde			
 Plant- En Dierkunde Biochemie 	▶ Biochemie			
 2014-11053-244 2014-11053-355 2014-25046-372 	▶ Fisika			
2014-11053-3452014-11467-870	▶ Chemie En Polimeerwetenskap			
 2014-25046-312 2014-11053-778 2014-11053-214 	▶ Toegepaste Wiskunde			
 2014-11053-314 2014-66206-818 	→ Wiskunde			
 2014-11413-712 2014-11414-713 2014-11415-714 	▶ Aardwetenskappe			

Study problems?

Helpful advice

Mrs Wilma Wagener is our faculty's Academic Coordinator. She will gladly provide you with information when you do not know what to do. She also coordinates the extended Degree Programme (EDP).

You can contact her at ww@sun.ac.za or 021 808 3063, or visit her at the AI Perold Building, R:2012.

You should also familiarise yourself with all the support structures the SU has to offer and make use of them. The Centre for Student Guidance and Development, for instance, can help you with enhanced study methods.

Also have a look at **www.maties.com/support/for-students.html** for more information on the support services available.

Why are your early assessment marks significant?

By March/April you will receive progress marks on your first six weeks. Although this is not necessarily a precise indication of your future marks, it does serve as a valuable warning mechanism to identify possible problem areas.

Don't just give up on your studies if you do not succeed at first. Get help **as soon as you experience difficulties.** There are various support structures in place to assist you. Remember, when issues such as readmission come into play, it is important to show that you made an effort to find academic help.

What to do when you struggle with a module

Your first step should be to speak to your lecturer. If you do not feel comfortable enough to go to a lecturer on your own, feel free to ask a member of the Science Student Committee (SSC) to escort you.

If this does not solve your problem, you can make an appointment to speak to the head of the home department responsible for the teaching of the specific module.

What if you want to change or cancel a module?

It is important that you adhere to the prescribed curriculum for your specific programme as explained in the Faculty of Sciences Calendar (Part 5) in order to qualify for your degree.

However, if you want to change one of your elective modules, cancel a module or detect a problem with your registration, contact Mr Bevin Abels, the Faculty Officer in Admin A, R:2027.

If you wish to change or cancel modules during the academic year, you should do so **before 14 February** (first semester) and **before 1 August** (second semester).

Be careful – cancelling a prescribed module reflects as "failing" that module.

What if you want to change programmes ("courses")?

You have to apply for official approval before you can change programmes. Contact Mr Bevin Abels our Faculty Officer at Admin A, R:2027 to apply.

What if you cannot attend a class, test or exam?

Follow the guidelines as explained in the specific module framework. Otherwise, contact the lecturer concerned as soon as possible should you be unable to carry out prescribed classwork because of illness or other valid reasons.

You also have to hand in the following documents at the specific department or to the lecturer: In case of illness, you have to provide a medical certificate which was preferably issued during your illness. Or provide other applicable documents such as death certificates or supporting letters to qualify your absence.

If you know beforehand that you will be absent, apply for leave of absence in writing.

Please do **NOT** hand in these documents at the Dean's office.

Please familiarise yourself with the detailed guidelines in this regard on page 112 of the General Calendar.

Departmental leaders



EARTH SCIENCE

Prof Alakendra Roychoudhury T 021 808 3124



CHEMISTRY AND POLYMER SCIENCE

Prof Peter Mallon T 021 808 2971



PHYSIOLOGICAL SCIENCES

Prof Faadiel Essop T 021 808 3146



BOTANY AND ZOOLOGY Prof Conrad Matthee

T 021 808 3236



MICROBIOLOGY

Prof Emile van Zyl T 021 808 5847



MATHEMATICAL SCIENCES Prof Ingrid Rewitzky

T 021 808 3282



BIOCHEMISTRY

Prof Pieter Swart T 021 808 5862



PHYSICS Prof Erich Rohwer T 021 808 3380

NSC works for you

The **Natural Science Student Committee** (NSC) aims to provide students in the Faculty of Science with support on all levels of student life. Our committee is giving assistance in respect of liaison between the science student and the faculty. The members of the NSC will advise and assist you – all in an effort to ensure that you have a great experience while studying in this faculty.



Bryan Bergsteedt Chair <u>16786610@sun.ac.za</u>

Adriaan Dell Deputy Chair 16950666@sun.ac.za





William Matshe



Tayla Faulmann



Daniela Steenkamp



Rhulani Ngobeni

Visit our office Al Perold Building: K:2011 T 021 808 2681 nsk@sun.ac.za



Kopano Dube



Tienie Botes

Check out our website for important dates and events

www.sun.ac.za/ns

www.stp.ac.za

want a new laptop or tablet?

get with the programme

For more information contact the IT STUDENT CENTRE

student@sun.ac.za or www.sun.ac.za/ithub Studente **Tegnologie** Program

Student **Technology** Programme





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