



Engineering Postgraduate Student Funding 2019

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Fields of Research & Research Topics 2018 (info for 2019 will follow)

CIVIL ENGINEERING

- [RESEARCH TOPICS 2018 – CIVIL](#)
- [Construction Engineering and Management](#)
- [Construction Materials](#)
- [Geotechnical and Transportation Engineering](#)
- [Structural Engineering & Civil Engineering Informatics](#)
- [Water and Environmental Engineering](#)

INDUSTRIAL ENGINEERING

- [RESEARCH TOPICS 2018 - INDUSTRIAL](#)
- [Physical Asset Management](#)
- [Engineering Management and Sustainable Systems](#)
- [Enterprise Engineering](#)
- [Health Systems Engineering and Innovation Hub](#)
- [Manufacturing](#)
- [PRASA Engineering Research Chair](#)
- [Resource Efficient Production Engineering](#)
- [Supply Chain Management](#)
- [Systems Modelling, Operations Research, and Decision Support](#)
- [Value Capture Systems](#)

ELECTRICAL & ELECTRONIC ENGINEERING

- [RESEARCH TOPICS 2018 – E&E](#)
- [Computers and Control](#)
- [Electrical Energy Systems](#)
- [Electronics and Electromagnetics](#)
- [Signal Processing and Machine Learning](#)

MECHANICAL & MECHATRONIC ENGINEERING

- [RESEARCH TOPICS 2018 – M&M](#)
- [Biomedical Engineering Research Group \(BERG\)](#)
- [Centre for Renewable and Sustainable Energy Studies \(CRSES\)](#)
- [Mechatronics, Automation and Design Research Group \(MAD\)](#)
- [Materials Engineering \(ME\)](#)
- [Solar Thermal Energy Research Group \(STERG\)](#)
- [Sound and Vibration Research Group \(SVRG\)](#)

PROCESS ENGINEERING

- [RESEARCH TOPICS 2018 - PROCESS](#)
- [Bioresource Engineering](#)
- [Extractive Metallurgy](#)
- [Separations Technology](#)
- [Waste Valorisation](#)
- [Water Technology](#)

Introduction

This booklet contains information on postgraduate student funding at the Faculty of Engineering, Stellenbosch University. It distinguishes between funding administered internally (i.e. by structures within Stellenbosch University: the Postgraduate Student Funding Office) and independently administered or external funding (i.e. bursaries from external companies or organisations). This booklet is not, however, an exhaustive list of all funding opportunities available. For bursaries managed outside Stellenbosch University, students should engage in their own research and make contact with funding organisations independently. More information on other sources of funding, as well as external resources, can be found on the next page.

It is important for students to note that, although scholarships are received, there are certain responsibilities that remain theirs:

1. Payment of Academic Fees: Payment of registration and tuition fees remains the responsibility of the student.
2. Application for bursaries: Bursaries are not automatically awarded, but are allocated according to set criteria. Applications should be submitted by the stipulated closing dates.
3. Contracts: When a student accepts a bursary, the bursary institution will require him/her to enter into a contract. Please ensure that you thoroughly familiarise yourself with the terms and conditions of the contract.
4. Follow-up after application: If you have not received acknowledgement of receipt of your application within 10 working days after the bursary closing date, please follow up on this.
5. Renewal: Where a particular bursary allows for a renewal, an application should be made by the announced closing date.
6. Updating details: Please ensure that any change of address (or email address or any contact numbers) is recorded at Stellenbosch University's Student Records.

Whilst Stellenbosch University aims to assist postgraduate students by providing financial support based on academic merit and financial need to deserving students, it should be noted that funding from the University at postgraduate level cannot be guaranteed. Students are advised to plan their finances carefully and to check whether or not they meet the basic requirements before applying for a bursary. They should also ensure that there are additional backup plans in terms of funding.

Funding opportunities for International students are limited, therefore international students should not rely on obtaining funds in the RSA, but should rather seek funding in their country of origin before coming to Stellenbosch University.

Students can subscribe to the Take Note newsletter that contains information on university and independently administered scholarships and opportunities for postgraduate students. Subscribe to the Take Note newsletter by sending an email to interweb@sun.ac.za.

- ***IMPORTANT:*** *It is essential to remember that the largest number of postgraduate bursaries are departmentally sourced and awarded, and are thus not listed in this document. Your prospective study leader might have research funds available to help fund your studies, or they might be able to negotiate funds for a bursary with one of their industry partners. Be sure to speak to your department's postgraduate coordinator as soon as possible for more information (refer to the last page).*

Scholarship and Opportunities Resources

[Bursaries and Loans booklet](#)

The Bursaries and Loans booklet is a booklet summarizing all bursaries and loans managed by Stellenbosch University for undergraduate and postgraduate students and is updated and re-printed annually. The booklet is available at the Postgraduate and International Office, and in the Administration A Building of the University.

[Postgraduate Student Funding \(PGSF\) booklet](#)

The PGSF booklet is compiled and printed on an annual basis, subject to review and renewal of content. The printed booklet can be accessed at the Postgraduate Student Funding Office, on the third floor of the R.W. Wilcocks Building.

Take Note newsletter

From time to time the SU International Office collates and publishes information on scholarships and opportunities administered by Stellenbosch as well as independently, in a bi-monthly Scholarships and Opportunities newsletter. To receive updates on such opportunities, you can subscribe to the mailing list sending an email to: pgioweb@sun.ac.za or interweb@sun.ac.za

Grants Register

The Grants Register contains an array of international scholarships and funding opportunities for postgraduate students. The register is not printed or managed by the PGO, but a printed copy of the previous year's version is available at the Postgraduate Student Funding Office. For the current year's version, students can visit the JS Gericke Library on SU Main campus and consult with a librarian as to where to obtain the Grants Register.

Important websites and resources

<http://www.sun.ac.za/international>

<http://www.ScholarshipPositions.com>

<http://www.GoAbroad.com>

Important Funding Conditions

The number of bursaries available are limited, and bursaries based on academic merit are awarded in competition (based on academic achievement). In the case of bursaries based on financial need, such need is ascertained by the means test and awards are considered accordingly, along with academic achievement.

SU reserves the right to cancel an award, to make no awards at all and to effect changes to the conditions of the award. Applicants are given every assurance that changes will only be made in compelling circumstances.

Please note that as of January 2018, the Postgraduate Merit bursaries (where bursaries are awarded when students obtained 75% and more in previous degrees) are no longer available and no new applications will be considered.

In awarding bursaries, the University uses a range of criteria specific to each bursary being applied for. It is therefore necessary to consult each specific bursary to view all available funding and their criteria. There are, however, some general guidelines as to eligibility for bursaries administered by Stellenbosch University:

- The University places a limitation on the bursary amounts that students can hold. This limitation is reviewed annually. The current limitation is as follow: Honours (R130 000), Master's (R210 000), PhD (R275 000). The limitation does not mean students should expect to receive bursaries to that amount.
- Candidates already in possession of a qualification on the same level or higher than the one support is being sought for, are not eligible to apply for bursaries.
- Should a student receive a provisional award for an intended degree but fails to register for that degree but instead registers for a degree at the same level they currently hold, the award will subsequently cancelled.
- Incomplete applications submitted without supporting documents will be disqualified and not considered.
- Late applications will be processed according to the policy approved by the University.

Bursary Application Process

- STEP 1 - Preparation: Do research on available bursaries - those administered by SU and those independently awarded. Consult the Grants register. Be aware of the stipulated closing dates.
- STEP 2 - Application: Understand the bursary criteria and conditions. Always submit applications timeously.
- STEP 3 - Notification of outcome: Applications for funding do not guarantee receipt. Bursary applications are normally reviewed by panels. After review, the student will be notified of the outcome.
- STEP 4 - Follow-up and renewal: If you have not received acknowledgement receipt of application within 10 working days after bursary closing date, please enquire. Where renewal of a bursary is possible, please ensure you apply timeously.

Stellenbosch University Bursaries

BURSARY/SCHOLARSHIP	VALUE	APPLY	CLOSING DATE
POSTGRADUATE SUPPORT BURSARY	Allocation of funds is subject to availability.	http://my.sun.ac.za Click "Postgraduate", then click "Accounts & Bursaries", then click "Bursaries and Funding: Apply", and then select "Apply now". Applications should be submitted electronically via the student portal from 1 July .	28 September 2018
ELIGIBILITY		SUPPLEMENTATION	
<ul style="list-style-type: none"> The Postgraduate Support Bursary is a resource for extremely financially needy students registered with the University for postgraduate programmes (a postgraduate diploma, an honours, Master's or doctoral degree). This scheme is available to full-time and part-time postgraduate students. Part-time students qualify for a smaller amount. There is no predetermined cut-off point for family income, but it can generally be accepted that a student will not be assisted from the fund if family income is such that a commercial bank will accept the breadwinner(s) as surety for a study loan. It is awarded on extreme financial need. Financial need is determined by a means of a test that takes the following into consideration: <ul style="list-style-type: none"> Family income Other bursaries received Family size Home Consumers' Index 		<ul style="list-style-type: none"> The Postgraduate Support Bursary amount is not sufficient to cover all study costs and students should also apply for other bursaries and loans, and/or have supplementary funds available. Bursaries are paid, after receipt of the signed Declaration and completed financial planning, in March. Please note that students with financial need are classified as those with a total gross annual family income of no more than R250,000. Students who experience financial problems because of lifestyle choices (housing, transport, education of offspring) do not qualify as such. 	

- IMPORTANT:** It is essential to remember that the largest number of postgraduate bursaries are departmentally sourced and awarded, and are thus not listed in this document. Your prospective study leader might have research funds available to help fund your studies, or they might be able to negotiate funds for a bursary with one of their industry partners. Be sure to speak to your department's postgraduate coordinator as soon as possible for more information (refer to the last page).

Private Bursaries

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
HARRY CROSSLEY	Masters: R100,000 p/a PhD: R120,000 p/a	http://my.sun.ac.za Click "Postgraduate", then click "Accounts & Bursaries", then click "Bursaries and Funding: Apply", and then select "Apply now".	Awards (SA citizens): 20 – 30 awards Awards (international students): 2 – 3 awards (for international students who have obtained their previous degree at a SA university)	20 September 2018
THOM, HB & MJ	Masters: R55,000 p/a PhD: R70,000 p/a	Obtain an application form here: postgradfunding@sun.ac.za www.sun.ac.za/pgo/funding	Awards: 8 - 10 awards Criteria of award include: good moral values, positive post-matric leadership in the following fields: sport, cultural, academics, religion, etc. Although not a requirement for the award, the University will give preference to applications who, in addition to the stipulated conditions, have obtained a good academic record in their previous degree/studies. Two testimonials, verifying that the criteria have been complied with, must accompany the application form.	7 September 2018
SASOL / STELLENBOSCH UNIVERSITY	Amount varies due to the availability of funds	http://my.sun.ac.za Click "Postgraduate", then click "Accounts & Bursaries", then click "Bursaries and Funding: Apply", and then select "Apply now".	Available only to students in the field of <i>chemical engineering</i> . Applications must be furnished in writing in English, and it should be in the form of a memorandum (i.e. full names, identity number, course/programme, schools attended, cultural or student activities, etc. should be stated). A written recommendation by the supervisor is also to be enclosed. Applicants must be South African nationals. The awards are made in consultation with Sasol.	End of March (in the year of studies)

Private Bursaries (continued)

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
LA GRANGE, PHILIP	Amount varies due to the availability of funds	http://my.sun.ac.za Click "Postgraduate", then click "Accounts & Bursaries", then click "Bursaries and Funding: Apply", and then select "Apply now".	Available only to students in the field of <i>electronic engineering</i> .	7 December 2018
LOUW, TIENIE	Amount varies due to the availability of funds	http://my.sun.ac.za Click "Postgraduate", then click "Accounts & Bursaries", then click "Bursaries and Funding: Apply", and then select "Apply now".	Available only to students in the field of <i>aeronautical engineering</i> (for study in SA or abroad). Preference will be given to a gifted student recommended by his/her supervisor.	7 December 2018

Government Funding

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
NRF FREESTANDING SCHOLARSHIP	Masters: R50,000 p/a Doctoral: R70,000 p/a	https://nrfsubmission.nrf.ac.za	Available to students in all fields of engineering.	8 June 2018
NRF SCARCE SKILLS SCHOLARSHIP	Masters: R90,000 p/a Doctoral: R120,000 p/a	https://nrfsubmission.nrf.ac.za	Available to students in all fields of engineering.	8 June 2018
NRF / DST INNOVATION SCHOLARSHIP	Masters: R90,000 p/a Doctoral: R120,000 p/a	https://nrfsubmission.nrf.ac.za	Available to students in all fields of engineering.	8 June 2018
DAAD/NRF	Masters: R80,000 p/a PhD: R110,000 p/a	https://nrfsubmission.nrf.ac.za	Available to students in all fields of engineering.	8 June 2018
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> • Full-time study only (i.e. applicants with full-time employment, or permanent employment, or contract employment are <u>not</u> eligible). • Applicants who already have a qualification on the same level are <u>not</u> eligible. • Applicants who will upgrade their Master's registration to Doctoral registration, and who have an indication of the envisaged dates of upgrading and commencement of doctoral studies. • Preference is given to students who meet the following criteria: <ul style="list-style-type: none"> ○ Students who have obtained an average mark of 65% and above in their previous degree(s); and/or ○ Students who have received an NRF scholarship for Honours' or Masters studies; and/or ○ Students who are currently funded for postgraduate studies by the NRF; and/or 			<ul style="list-style-type: none"> • Scholarship holders are allowed to hold supplementary bursaries, grants or emoluments up to the university maximum. • Scholarships may not be held simultaneously with a bursary / scholarship from any other government, or NRF source, or NRF administered source. • Scholarship holders may not hold full-time salaried employment during the tenure of the scholarship. • Period of Support: Masters (2 years) / Doctoral (3 years) • Candidates applying for support in their 2nd year of Master's studies will be supported for 1 year only. 	

- Students who have completed their previous degree within the minimum prescribed period (and/or that will be completing their current postgraduate degree within regulation time).
- According to the Targets set in the Ministerial Guidelines:
 - 87% South African citizens and permanent residents;
 - 80% black (African, Coloured and Indian);
 - 5% students from the Southern African Development Community (SADC) region;
 - 4% students from the rest of Africa;
 - 4% students from non-African countries;
 - 55% female students;
 - 4% students living with a disability;
- In all the scholarship categories, (except for the NRF-TWAS Doctoral), priority will be given to financially needy, yet academically capable applicants who were previously funded by the NSFAS and/or University Financial Aid. This does not exclude applicants who were not previously funded by NSFAS and/or University Financial Aid from receiving postgraduate funding from the NRF.

Government Funding (continued...)

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
SKA	<p>Masters: R119,000 p/a</p> <p>PhD: R136,000 p/a</p>	<p>https://skagrants.nrf.ac.za</p>	<p>Available only to students in the fields of <i>mechanical engineering, electrical engineering, and electronic engineering.</i></p>	<p>Upon Request</p> <p>postgradfunding@sun.ac.za</p> <p>www.sun.ac.za/pgo/funding</p>
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> Applicants who already have a qualification on the same level are <u>not</u> eligible. Full-time employees at Higher Education Institutions are <u>not</u> eligible. South African citizens, and permanent residents of South Africa, who wish to complete a relevant MSc or PhD degree at a South African university. Citizens of Namibia, Zambia, Botswana, Mozambique, Madagascar, Mauritius, Kenya and Ghana, who wish to complete a relevant MSc or PhD degree at a South African university. South African citizens and citizens of Namibia, Zambia, Botswana, Mozambique, Madagascar, Mauritius, Kenya and Ghana, who wish to complete a relevant MSc or PhD degree at a university in an SKA SA partner country (Namibia, Zambia, Botswana, Mozambique, Madagascar, Mauritius, Kenya and Ghana). 			<ul style="list-style-type: none"> Scholarship holders are allowed to hold supplementary bursaries, grants or emoluments with unlimited values. Scholarships may not be held simultaneously with a bursary / scholarship from any other government or NRF source or NRF administered source, without prior NRF permission. Scholarship holders may not hold full-time salaried employment during the tenure of the scholarship. Scholarship holders will be allowed to undertake a maximum of 12 hours of teaching, tutorials, assistance or demonstration duties per week (on average) during the year of study. Period of Support: Masters (2 years) / Doctoral (3 years) Candidates applying for support in their 2nd year of Master's studies will be supported for 1 year only. 	

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Government Funding (continued...)

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
CSIR-DST INTERBURSARY PROGRAMME	Masters: R90,000 p/a PhD: R120,000 p/a	Scanned application sent via email: postgradfunding@sun.ac.za www.sun.ac.za/pgo/funding	Available only to students in the fields of <i>aerospace, composites, modelling and digital sciences, microsystems technology, titanium (manufacturing elements), photonics, biotechnology, information and communications technology.</i>	<i>To Be Announced</i>
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> For full-time study only. Applicants who already have a qualification on the same level are <u>not</u> eligible. Period of support: Masters (2 years) / Doctoral (3 years). Candidates applying for support in their 2nd year of Masters studies will be supported for 1 year only. 			<ul style="list-style-type: none"> Scholarship holders are allowed to hold supplementary bursaries, grants or emoluments up to the university maximum. Scholarships may not be held simultaneously with a bursary / scholarship from any other government or NRF source or NRF administered source. Scholarship holders may not hold full-time salaried employment during the tenure of the scholarship. 	

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Scholarships for Studies at SA Institutions

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
MANDELA RHODES	Masters: Amount varies due to availability of funds.	http://mandelarhodes.org/the-scholarship/apply	Available to students in all fields of engineering.	18 April 2018
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> Students intending to do a Master's degree are invited to apply for the Mandela Rhodes Foundation Scholarship. Open to citizens of all African countries. For postgraduate study at a South African university or tertiary institution (Master's degrees only). Any individual between 19 and 30 years of age. Individuals that reflect in their character a commitment to the four principles of Education, Reconciliation, Leadership and Social Entrepreneurship. <p>Aspire to be a Mandela Rhodes Scholar if you:</p> <ul style="list-style-type: none"> are a young African; dream of being a leader – a leader in whose blend of character and intellect Africa will take pride; believe in an entrepreneurial spirit to allow Africa to take with dignity its rightful place as an equal and competitive presence in the global world; believe in reconciliation, freedom, peace and prosperity among all human beings, who should share equal citizenship and opportunities in this world. 			<ul style="list-style-type: none"> Contact between three and five referees who would be willing to write reference letters for you. Please ensure that no less than three are from academics who have taught you. Ensure that you include the following documentation in your application: <ul style="list-style-type: none"> A certified copy of your identity document, or birth certificate, or residency certificate or passport. A certified copy of your official academic transcript. 	

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Research and Travel Grants

GRANT	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
OVERSEAS CONFERENCE GRANT	PhD: Amount varies due to the availability of funds.	A scanned version of the application form, together with signatures and the required CV, must be submitted electronically to Chantal Swartz (cswartz@sun.ac.za).	Available to students in all fields of engineering.	<p>30 March 2018 (for conferences taking place between May and August '19)</p> <p>30 June 2018 (for conferences taking place between September and December '19)</p> <p>30 September 2018 (for conferences taking place between January and April '19)</p>
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> • For full-time registered PhD students in their 3rd year of study. • A full-time student is classified as one who works for remuneration for less than 15 hours per week (if at all) over a period of 10 months of a given calendar year. • An applicant will only be eligible for a grant once during his/her postgraduate studies. • The applicant should submit proof of the acceptance of the presentation by the conference organisers. • Only applications for the relevant award cycle will be considered (see dates of the award cycles and corresponding closing dates on the application form). • Preference will be given to: <ul style="list-style-type: none"> ○ Applicants with no funding from other grant schemes (e.g. Focus Areas, Thuthuka, capacity development, industrial contracts). ○ Applicants invited to deliver oral presentations. ○ Applicants who have not attended other international conferences abroad during the past two years. 			<ul style="list-style-type: none"> • The PGO Overseas Conference Grant (OCG) is a supplementary award to attend an international conference outside of South Africa to present a paper or poster. • If more than one applicant from the same department applies for support to attend the same conference, only one award will be given to the department. Funding could be awarded at the discretion of the Dean and the relevant Chair to either one of the applicants, or divided among the applicants. • The support should supplement grants provided by other sources (e.g. Dean's fund), as this award should not exceed 50% of the total budget to a maximum of R15,000. • The applicant must ensure that the application form is complete, with all the required documents attached. Incomplete applications will not be considered. • Please note that the awards are made on a competitive basis and that limited funding is available. 	

Research and Travel Grants (continued)

GRANT	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
ABE BAILEY TRAVEL BURSARY	Masters: <i>On Request</i> PhD: <i>On Request</i>	Robert Kotzé (rk@sun.ac.za)	Available to students in all fields of engineering.	<i>On Request</i>
ELIGIBILITY		SUPPLEMENTATION		
<ul style="list-style-type: none"> The Abe Bailey Trust offers a travel bursary (for a suitable student or junior lecturer attached to a South African university), for an educational visit to England. Bursaries are awarded to persons who show exceptional leadership qualities and service, not only in student affairs, but also within a wider social context and who are able to function as part of a select and highly skilled group. Students should have completed their second year of university. Applicants should be South African citizens, who hold valid passports, and should not be older than 25 years when the tour starts. It is desirable that applicants are sufficiently proficient in the English language so as to adapt to the other members of the tour party and to cope with those whom they will meet in the course of the Tour overseas. No bursar will be allowed to join the Tour later, or to interrupt the Tour. Applicants who intend to apply for the Rhodes scholarship are strongly advised not to apply for this bursary if it appears that the selection interview dates will clash with the Tour dates. Married persons will not be allowed to be accompanied by his or her spouse. 		<p>There is no application form. Applications should be written in English and should contain the following information:</p> <ul style="list-style-type: none"> A personal letter of motivation as to why you are applying. A current CV (including name and address, date of birth and nationality, schools attended). Three letters of reference (not older than 3 years). Copies of ID, matric certificate and university academic record. Copies of school & university merit/achievement certificates (maximum 5 items). Details of leadership roles and social and community service at school and at university. A brief statement of the dates and purpose of any previous visits undertaken to the United Kingdom. Confirmation of a valid South African passport. <p>The letters of reference should be from referees reporting on the character, leadership and personality of the nominee. The <u>referees</u> may send the letters directly to Robert Kotzé (rk@sun.ac.za).</p>		

Scholarships for Studies abroad

GRANT	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
COMMONWEALTH SCHOLARSHIP	Masters: <i>On Request</i> PhD: <i>On Request</i>	http://cscuk.dfid.gov.uk/apply/eas/Application	Available to students in all fields of engineering.	<i>Closed for 2019</i>
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> Eligibility requirements are outlined in the Commonwealth Scholarship prospectus: http://cscuk.dfid.gov.uk/apply The commission will look for evidence of the high academic quality expected of Commonwealth scholars; intellectual and academic excellence will be paramount in all selections. Candidates studying a first degree are expected to hold at least an upper second class honours (i.e. 70%+) by October of the preceding year. 			<ul style="list-style-type: none"> Stellenbosch University has been invited to nominate students who are currently registered at SU and who are South African citizens. These may be in either of the following categories: <ul style="list-style-type: none"> One year taught Masters course or equivalent degrees (excluding MBA). Doctoral degrees, up to three years of duration (UK institution). 	

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Scholarships for Studies at SA Institutions

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
PATRICK AND MARGARET FLANAGAN SCHOLARSHIP	Masters: <i>On Request</i> PhD: <i>On Request</i>	There is <u>no</u> application form until the short-listing stage. Incomplete and late applications will not be considered. More info: pgfinaid-admin@ru.ac.za	Available to female students in all fields of engineering.	<i>To Be Announced</i>
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> • Postgraduate women with an excellent academic record and outstanding personal qualities, preference being given to applicants of South African descent, who are fluent in English and have a real love and affection for the language, or prefer to express themselves in English. • Rhodes University invites potential high flyers in their fields, to apply for the above scholarship for full-time postgraduate study abroad. • Scholarship tenable at any overseas university or tertiary education institution abroad. 			<ul style="list-style-type: none"> • Submit a cover letter of motivation, detailed ACADEMIC CV (including email contact details of three ACADEMIC referees, one of which must be a Head of Department), a full certified academic transcript and a certified ID copy. 	

Scholarships for Studies at SA Institutions (continued)

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
MARGARET MCNAMARA EDUCATION GRANTS (MMEG)	Masters: <i>On Request</i> PhD: <i>On Request</i>	www.mmeg.org	Available to female students in all fields of engineering, 25 years or older, from developing countries.	<i>14 September 2018</i>
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> • The MMEG is making grants (for approximately US\$ 7,000 each) available to female students from developing countries undertaking university study at a listed university in South Africa. • Eventual grant recipients would be expected to apply these funds to their educational, living and/or research expenses for the relevant academic year. • A candidate applying for the MMEG grant from South African universities must meet <u>all</u> of the following criteria (no exceptions will be made): <ul style="list-style-type: none"> ○ Has a record of service to women and/or children in her country, or other developing country. ○ Is enrolled at one of the listed universities when applying, and remains enrolled during the entire year covered by the grant. ○ Will use the grant toward completion of her degree. ○ Is a national of a World Bank lower or middle income developing member country (see country eligibility list on MMEG website) ○ Plans to return to her country, or another developing country, within about two years after completing the use of the grant, and perform at least two years of service. ○ Demonstrates financial need and satisfactory academic performance. ○ Is at least 25 years old by the application deadline. ○ Is not related to any World Bank Group, IMF or IADB staff member or his/her spouse. 			<ul style="list-style-type: none"> • The MMEG was founded in 1981 to honor the memory of Margaret Craig McNamara for her commitment to women and children in the developing world. Over the past 31 years, the MMEG has awarded 205 educational grants to women from 65 developing countries, whose studies in the US, Canada, and also now in South Africa since 2007, aim to benefit women and children, and plan to return to their countries or regions. • Supporting documents and recommendations must also be submitted online. 	

Scholarships for Studies at SA Institutions (continued)

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
CARL AND EMILY FUCHS	PhD: <i>On Request</i>	Applications should be submitted by mail directly to: Doctoral Scholarships, The Carl & Emily Fuchs Foundation, PO Box 1910, Halfway House, 1685	Available to students in all fields of engineering.	<i>On Request</i>
ELIGIBILITY		SUPPLEMENTATION		
<ul style="list-style-type: none"> Only South African citizens may apply and the scholarships are awarded based on the following selection criteria: <ul style="list-style-type: none"> Academic achievement / excellence – minimum requirement of a Master’s degree, passed with distinction or 75% average. Economic merit – preference will be given to economically deprived applicants. Leadership qualities. Applicants must also be willing to be interviewed by a selection panel (typically during November of the year preceding the studies), during which qualities of academic insight, leadership, communication skills and the merit of the proposed study/research project will be assessed. 		<ul style="list-style-type: none"> The Carl and Emily Fuchs Doctoral Scholarships are available to postgraduate students who have already, or intend to, register for Doctoral studies at a local South African university/university of technology only (and not for any studies abroad). The two scholarships are awarded bi-annually, in any academic field of study / Doctoral program formally registered with a South African university. The Foundation annually invites applications from the various Faculties at all local Higher Education institutions and the scholarships are then awarded for studies in the following/ensuing academic year. Application forms are annually distributed to the various Deans of Faculties at local Higher Education institutions and, in addition, they are also available from local universities’ Postgraduate Student Aid/Financial Assistance/ Bursary/ Scholarship Offices. The correctly and comprehensively completed application form should be accompanied by a photograph, a formal academic record of all previous studies, two confidential (separately sealed) referee reports, confirmation of acceptance for the Doctoral study/program and an Executive Summary of the proposed research project/study. Applications should be submitted by mail directly to: Doctoral Scholarships, The Carl & Emily Fuchs Foundation, PO Box 1910, Halfway House, 1685 		

- IMPORTANT:*** It is essential to remember that the largest number of postgraduate bursaries are departmentally sourced and awarded, and are thus not listed in this document. Your prospective study leader might have research funds available to help fund your studies, or they might be able to negotiate funds for a bursary with one of their industry partners. Be sure to speak to your department’s postgraduate coordinator as soon as possible for more information (refer to the last page).

Scholarships for Studying at Institutions Abroad

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
RHODES SCHOLARSHIP	Masters: <i>On Request</i> PhD: <i>On Request</i>	https://apply.embark.com/scholarship/RhodesTrust	Available to students in all fields of engineering.	<i>On Request</i>
ELIGIBILITY		SUPPLEMENTATION		
<ul style="list-style-type: none"> Residency requirement: Lived permanently in and has resided for at least 5 of the prior 10 years immediately preceding application in SA, Botswana, Lesotho, Malawi, Namibia or Swaziland Age requirement: At least 19 years of age, but younger than 25 years of age, on 1 October of the preceding year. Degree requirement: A first degree (i.e. Honours equivalent) by 1 October of preceding year with a first or very strong upper second General requirement: Young people of outstanding intellect, character, leadership and commitment to service. 		<ul style="list-style-type: none"> Prestigious postgraduate scholarship tenable at University of Oxford. Standard scholarship tenure: 2 years Any postgraduate degree can be pursued: two-year Master's or two 1-year Master's Costs covered: University application fee / All University and College fees (full funding) / Personal stipend / Return airfare to Oxford Step 1: Complete application <ul style="list-style-type: none"> Apply directly to Rhodes Trust (select appropriate region or school) Latest updates on the application process: www.Rhodeshouse.ox.ac.uk/section/Rhodes-Countries Step 2: Short-listing and interviews <ul style="list-style-type: none"> BLMNS, KZN & school-specific applicants: One round of short-listing and interviews in October/November SA-at-large applicants: Two rounds of short-listing and interviews (Regional round in October/November, and National round in November/December) For all queries, contact Annette Gibson: Rhotrust@pixie.co.za 		

- IMPORTANT:** *It is essential to remember that the largest number of postgraduate bursaries are departmentally sourced and awarded, and are thus not listed in this document. Your prospective study leader might have research funds available to help fund your studies, or they might be able to negotiate funds for a bursary with one of their industry partners. Be sure to speak to your department's postgraduate coordinator as soon as possible for more information (refer to the last page).*

Scholarships for Studying at Institutions Abroad (cont)

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
FULBRIGHT SCHOLARSHIP	Masters: <i>On Request</i> PhD: <i>On Request</i>	http://southafrica.usembassy.gov/postgraduate.html	Available to students in all fields of engineering.	<i>On Request</i>
ELIGIBILITY		SUPPLEMENTATION		
<ul style="list-style-type: none"> The program is open to South African residents and permanent residents who have a Bachelor degree and/or Honours for the Master's program or a Master's degree for the Doctoral program. 		<ul style="list-style-type: none"> This program provides South Africans the opportunity to pursue Master's or PhD degrees at US academic institutions. South African Ph.D. students can also use this program for a one-year non-degree program to conduct research and/or take courses at a U.S. academic institution. The study grants are competitive and awarded for a period of two years. 		

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
FIRSTRAND INTERNATIONAL POSTGRADUATE SCHOLARSHIPS	Masters: <i>On Request</i> PhD: <i>On Request</i>	www.firstrand.co.za	Available to students in all fields of engineering.	<i>On Request</i>
ELIGIBILITY		SUPPLEMENTATION		
<ul style="list-style-type: none"> All scholarships will be awarded based on academic excellence, leadership ability, community involvement and the candidate's potential to be a destiny changer. Candidates who are currently, or have been studying overseas, are not eligible. 		<ul style="list-style-type: none"> The FirstRand Foundation scholarship for postgraduate study outside South Africa in any discipline at an international university of their choice. FirstRand Oxford African Studies scholarship to the University of Oxford – Master's degree. 		

- IMPORTANT:** It is essential to remember that the largest number of postgraduate bursaries are departmentally sourced and awarded, and are thus not listed in this document. Your prospective study leader might have research funds available to help fund your studies, or they might be able to negotiate funds for a bursary with one of their industry partners. Be sure to speak to your department's postgraduate coordinator as soon as possible for more information (refer to the last page).

Private Bursaries

BURSARY	VALUE	FIELDS OF STUDY	WEBSITE	CONTACT	NOTES	CLOSING DATE
CENTRE FOR RENEWABLE AND SUSTAINABLE ENERGY STUDIES (CRSES)	Masters: R100,000 p/a PhD: R150,000 p/a	Available to students in the field of renewable energy studies.	http://crses.sun.ac.za/studies-bursaries-crses-bursaries	Jos Liebenberg (crses@sun.ac.za)		22 September 2018
CHEMICAL ENGINEERING	Masters: R90,000 p/a	Available to students in the fields of chemical engineering, minerals processing, and biotechnology.		Dr R Pott (rpott@sun.ac.za) Dr M Tadie (mtadie@sun.ac.za)		18 November 2018
GOMETRO	Masters: <i>On Request</i>	Available to students in the fields of civil engineering.	www.sun.ac.za/ssml	Megan Bruwer (mbruwer@sun.ac.za)		<i>On Request</i>
HOWDEN NETHERLANDS	Masters: R50,000 p/a	Available to students in the fields of mechanical & mechatronic engineering.		Dr Mike Owen (mikeowen@sun.ac.za)		<i>On Request</i>
INSTITUTE FOR STRUCTURAL ENGINEERING (ISE)	Masters: R100,000 p/a	Available to students in the field of structural engineering.		Prof Celeste Viljoen (cbarnardo@sun.ac.za)	Period of support: Masters (2 years) Doctoral (3 years)	13 July 2018

Private Bursaries (continued)

BURSARY	VALUE	FIELDS OF STUDY	WEBSITE	CONTACT	NOTES	CLOSING DATE
PAPER MANUFACTURERS' ASSOCIATION OF SA (PAMSA)	Masters: R100,000 p/a	Available to students in the field of process (chemical) engineering.	http://www.thepaperstory.co.za/master-of-engineering/application/	Pattie Webster (patti.webster@pamsa.co.za / 011 803 5063)	Period of support: Masters (2 years)	1 June 2018
PPS	Masters: Amount varies due to the availability of funds.	Available to students in all fields of engineering.	To Be Announced	PPS Foundation (infoppsfoundation@pps.co.za)		On Request
SARCHI CHAIR IN ANTENNA SYSTEMS FOR THE SKA	Masters: R119,000 p/a PhD: R136,000 p/a	Available to students in the fields of electrical and electronic engineering (a range of topics in antennas and microwave engineering relating to the SKA radio telescope).		Prof Dirk de Villiers (ddv@sun.ac.za)	Additional travel and equipment grants are available.	31 August 2018
SANSA (SOUTH AFRICAN NATIONAL SPACE AGENCY)	Masters: R100,000 p/a	Available to students in the field of satellite engineering.	http://www.sansa.org.za/bursaries	Prof WH Steyn (whsteyn@sun.ac.za)	Period of support: Masters (2 years)	31 July 2018

Private Bursaries (continued)

BURSARY	VALUE	FIELDS OF STUDY	WEBSITE	CONTACT	NOTES	CLOSING DATE
SASOL	Masters: R134,820 p/a PhD: R134,820 p/a	Available to students in the field of process (chemical) engineering.	www.sasolbursaries.com	berlyner@quest.co.za 086 010 6235	Period of support: Masters (2 years) Doctoral (3 years)	30 April 2018
SCATEC SOLAR CHAIR IN PHOTOVOLTAIC SYSTEMS	Masters: R100,000 p/a PhD: <i>On Request</i>	Available to students in the fields of electrical and electronic engineering.		Dr Arnold Rix (rix@sun.ac.za)		15 September 2018
SPACE COMMERCIAL SERVICES (SCS)	Masters: R100,000 p/a	Available to students in the field of satellite engineering.		Prof WH Steyn (whsteyn@sun.ac.za)	Period of support: Masters (2 years)	30 September 2018
STELLENBOSCH UNIT FOR OPERATIONS RESEARCH IN ENGINEERING	Masters: R80,000 p/a	Available to students in the fields of industrial engineering (operational research).		Prof JH van Vuuren (vuuren@sansa.org.za)	Period of support: Masters (2 years)	31 October 2018

Private Bursaries (continued)

BURSARY	VALUE	FIELDS OF STUDY	WEBSITE	CONTACT	NOTES	CLOSING DATE
STELLENBOSCH UNIVERSITY ANTENNA AND MICROWAVE LABORATORY	Masters: R119,000 p/a PhD: R136,000 p/a	Available to students in the fields of electrical and electronic engineering.		Prof P Meyer (meyer@sun.ac.za)	Period of support: Masters (2 years) Doctoral (3 years)	31 August 2018
UNIT FOR CONSTRUCTION MATERIALS (UCM)	Masters: R103,000 p/a PhD: On Request	Available to students in the fields of civil engineering.		Dr Riaan Combrinck (rcm@sun.ac.za)	The application closing date for the first round of applications is 17 July 2018.	17 July 2018 (late applications will also be considered)

Internal Closing Dates for Postgraduate Applications

DEGREE PROGRAMME	DEPARTMENT	SOUTH AFRICAN CLOSING DATE	INTERNATIONAL CLOSING DATE	CONTACT PERSON (<i>ACADEMIC</i>)	CONTACT PERSON (<i>ADMIN</i>)	E-MAIL
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POSTGRADUATE DIPLOMA in ENGINEERING (PDE)

Postgraduate Diploma in Engineering (Civil Engineering)	Civil Engineering	30 November	31 October	Dr Gert van Rooyen	Ms Amanda de Wet	amandadw@sun.ac.za
Postgraduate Diploma in Engineering (Mechanical and Mechatronic Engineering)	Mechanical and Mechatronic Engineering	1 December	30 September	Prof Thomas Harms	Ms Carla Nel	carlanel@sun.ac.za

MASTERS in ENGINEERING (MEng)

MEng (Chemical Engineering)	Process Engineering	30 November	30 November	Prof Cara Schwarz	Ms Mieke de Jager	miekedup@sun.ac.za
MEng (Civil Engineering) (Research)	Civil Engineering	30 November	31 October	Dr Gert van Rooyen	Ms Amanda de Wet	amandadw@sun.ac.za
MEng (Civil Engineering) (Structured)	Civil Engineering	30 November	31 October	Dr Gert van Rooyen	Ms Amanda de Wet	amandadw@sun.ac.za
MEng (Electrical Engineering) (Research)	Electrical and Electronic Engineering	Applications considered until 31 March in the year of registration.	30 November	Dr Herman Engelbrecht	Mr Larry Morkel	lmorkel@sun.ac.za
MEng (Electronic Engineering) (Research)	Electrical and Electronic Engineering	Applications considered until 31 March in the year of registration.	30 November	Dr Herman Engelbrecht	Mr Larry Morkel	lmorkel@sun.ac.za
MEng (Electrical and Electronic Engineering) (Structured)	Electrical and Electronic Engineering	1 December	30 September	Dr Riaan Wolhuter	Mr Larry Morkel	lmorkel@sun.ac.za
MEng (Engineering Management)	Industrial Engineering	31 October	15 July	Mr Konrad von Leipzig	Ms Melinda Rust	mrust@sun.ac.za

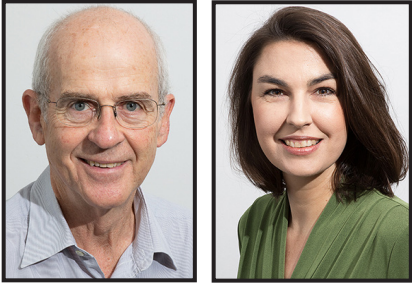
Internal Closing Dates for Postgraduate Applications

DEGREE PROGRAMME	DEPARTMENT	SOUTH AFRICAN CLOSING DATE	INTERNATIONAL CLOSING DATE	CONTACT PERSON (ACADEMIC)	CONTACT PERSON (ADMIN)	E-MAIL
MASTERS in ENGINEERING (MEng)						
MEng (Extractive Metallurgical Engineering)	Process Engineering	30 November	30 November	Prof Cara Schwarz	Ms Mieke de Jager	miekedup@sun.ac.za
MEng (Industrial Engineering)	Industrial Engineering	31 October	15 July	Mr Konrad von Leipzig	Ms Melinda Rust	mrust@sun.ac.za
MEng (Mechanical Engineering) (Research)	Mechanical and Mechatronic Engineering	1 December	30 September	Prof Thomas Harms	Ms Welma Liebenberg	welmal@sun.ac.za
MEng (Mechanical Engineering) (Structured)	Mechanical and Mechatronic Engineering	1 December	30 September	Prof Thomas Harms	Ms Carla Nel	carlanel@sun.ac.za
MEng (Mechatronic Engineering)	Mechanical and Mechatronic Engineering	1 December	30 September	Prof Thomas Harms	Ms Welma Liebenberg	welmal@sun.ac.za
PhD in ENGINEERING						
PhD (Chemical Engineering)	Process Engineering	Applications considered throughout the course of the year		Prof Cara Schwarz	Ms Mieke de Jager	miekedup@sun.ac.za
PhD (Civil Engineering)	Civil Engineering	Applications considered throughout the course of the year		Dr Gert van Rooyen	Ms Amanda de Wet	amandadw@sun.ac.za
PhD (Electrical Engineering)	Electrical and Electronic Engineering	Applications considered throughout the course of the year		Dr Herman Engelbrecht	Mr Larry Morkel	lmorkel@sun.ac.za
PhD (Electronic Engineering)	Electrical and Electronic Engineering	Applications considered throughout the course of the year		Dr Herman Engelbrecht	Mr Larry Morkel	lmorkel@sun.ac.za
PhD (Extractive Metallurgical Engineering)	Process Engineering	Applications considered throughout the course of the year		Prof Cara Schwarz	Ms Mieke de Jager	miekedup@sun.ac.za

Internal Closing Dates for Postgraduate Applications

DEGREE PROGRAMME	DEPARTMENT	SOUTH AFRICAN CLOSING DATE	INTERNATIONAL CLOSING DATE	CONTACT PERSON (ACADEMIC)	CONTACT PERSON (ADMIN)	E-MAIL
PhD in ENGINEERING						
PhD (Industrial Engineering)	Industrial Engineering	31 October	15 July	Prof Corne Schutte	Ms Melinda Rust	mrust@sun.ac.za
PhD (Mechanical Engineering)	Mechanical and Mechatronic Engineering	Applications considered throughout the course of the year		Prof Thomas Harms	Ms Welma Liebenberg	welmal@sun.ac.za
PhD (Mechatronic Engineering)	Mechanical and Mechatronic Engineering	Applications considered throughout the course of the year		Prof Thomas Harms	Ms Welma Liebenberg	welmal@sun.ac.za

Contact our Postgraduate Coordinators



DEAN'S OFFICE

Vice Dean: Research (left): Prof Willem Perold
021 808 4368 (wjperold@sun.ac.za)
Coordinator (right): Tanya Ficker (A215A)
021 808 9403 (tanya@sun.ac.za)



CIVIL ENGINEERING

Academic (left): Dr Gert van Rooyen (S320F)
021 808 4437 (gcvr@sun.ac.za)
Coordinator (right): Amanda de Wet (S475)
021 808 4404 (amandadw@sun.ac.za)



ELECTRICAL & ELECTRONIC ENGINEERING

Academic (left): Dr Herman Engelbrecht (E304)
021 808 2135 (hebrecht@sun.ac.za)
Coordinator (right): Larry Morkel (E404)
021 808 4478 (eepostgrad@sun.ac.za)



INDUSTRIAL ENGINEERING

Academic for PhD (left): Prof Corne Schutte (M412)
021 808 3617 (corne@sun.ac.za)
Academic for MEng (centre): Konrad von Leipzig (M423)
021 808 4233 (kvl@sun.ac.za)
Coordinator (right): Melinda Rust (M422)
021 883 2185 (mrust@sun.ac.za)



MECHANICAL & MECHATRONIC ENGINEERING

Academic (left): Prof Thomas Harms (M519)
021 808 3742 (tmh@sun.ac.za)
Coordinator (centre): Welma Liebenberg (M522)
021 808 4095 (welmal@sun.ac.za)
Coordinator (right): Christine Gericke (M517)
021 808 4376 (mcgericke@sun.ac.za)



PROCESS ENGINEERING

Academic (left): Prof Cara Schwarz (C307)
021 808 4487 (cschwarz@sun.ac.za)
Coordinator (right): Mieke de Jager (C210)
021 808 4189 (miekedup@sun.ac.za)