



Engineering Postgraduate Student Funding 2018

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Fields of Research & Research Topics



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 pgioweb@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 bursary, 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 (Part 2 of Stellenbosch University's Calendar)

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 booklet (print and electronic versions)

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. The booklet can also be accessed on the website of the Postgraduate and International Office:

<http://www0.sun.ac.za/international/postgraduate-student-funding>.

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.

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.

- 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.

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:

- Candidates are not eligible to apply for bursaries if they already in possession of a qualification on the same level or higher than the one support is being sought for.
- The University places a limitation on the bursary amounts that students can hold. This limitation is reviewed annually. The current limitation is as follow: Honnours (R130 000), Master's (R210 000), PhD (R275 000). The limitation does not mean students should expect to receive bursaries to that amount.
- Incomplete applications, i.e. submitted without the necessary supporting documents, will be disqualified and not considered.
- Late applications will be processed according to the policy approved by the University.

Bursary Application Process

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

SU Bursaries

BURSARY/SCHOLARSHIP	VALUE	APPLY	CLOSING DATE
POSTGRADUATE SUPPORT BURSARY	Allocation of funds is subject to availability.	<p>Application should be done electronically via the student portal from 1 July. (A second round of awards might take place, but this is subject to the availability of funds)</p> <p>http://my.sun.ac.za (click on "FINANCES" and then click on "Postgraduate Funding")</p>	29 September 2017
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. 	

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Private Bursaries

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
HARRY CROSSLEY	Masters: R80,000 p/a PhD: R100,000 p/a	http://my.sun.ac.za (click on "FINANCES" and then click on "Postgraduate Funding")	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)	31 August 2017
THOM, HB & MJ	Masters: R50,000 p/a PhD: R70,000 p/a	http://my.sun.ac.za (click on "FINANCES" and then click on "Postgraduate Funding")	Awards: 6 – 8 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.	11 September 2017
SASOL / STELLENBOSCH UNIVERSITY	Amount varies due to the availability of funds	http://my.sun.ac.za (click on "FINANCES" and then click on "Postgraduate Funding")	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.	30 March 2018

LA GRANGE, PHILIP	Amount varies due to the availability of funds	http://my.sun.ac.za (click on “FINANCES” and then click on “Postgraduate Funding”)	Available only to students in the field of <i>electronic engineering</i> .	1 December 2017
LOUW, TIENIE	Amount varies due to the availability of funds	http://my.sun.ac.za (click on “FINANCES” and then click on “Postgraduate Funding”)	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.	1 December 2017

Statutory Council Funding

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
NRF FREESTANDING SCHOLARSHIP	Masters: R50,000 p/a Doctoral: R70,000 p/a	https://nrfs submission.nrf.ac.za	Available to students in all fields of engineering.	20 July 2017
NRF SCARCE SKILLS SCHOLARSHIP	Masters: R90,000 p/a Doctoral: R120,000 p/a	https://nrfs submission.nrf.ac.za	Available to students in all fields of engineering.	20 July 2017
NRF / DST INNOVATION SCHOLARSHIP	Masters: R90,000 p/a Doctoral: R120,000 p/a	https://nrfs submission.nrf.ac.za	Available to students in all fields of engineering.	20 July 2017
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> 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. Applicants who already have a qualification on the same level are not eligible to apply. Full-time employees at Higher Education Institutions are not eligible to apply. <u>Only applicable to the NRF/DST Innovation Scholarship and the NRF Freestanding Scholarship</u>: South African citizens and students with permanent residency, as well as a percentage of non-South African citizens, are eligible to apply. 			<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. 	

Statutory Council Funding (Continued)

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
SKA	Masters: R110,000 p/a PhD: R126,000 p/a	https://skagrants.nrf.ac.za	Available only to students in the fields of <i>mechanical engineering</i> , as well as <i>electrical and electronic engineering</i> .	Upon Request (contact PG Funding Office)
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> 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). Applicants who already have a qualification on the same level are not eligible. Full-time employees at Higher Education Institutions are not eligible to apply. 			<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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Statutory Council Funding (Continued)

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
CSIR / STELLENBOSCH UNIVERSITY SCHOLARSHIP	Masters: R80,000 p/a PhD: R100,000 p/a	https://nrfs submission.nrf.ac.za	Available only to students in the fields of chemical engineering, computer and software engineering, mechanical engineering, mechatronics and robotics engineering, metallurgical engineering, electrical and electronic engineering, and civil engineering.	To Be Announced
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> Applications (accompanied by a Curriculum Vitae) are invited from academically excellent South African candidates pursuing a Master's (1st year) or Doctorate (1st or 2nd year) degree. South African citizenship. Applicants who already have a qualification on the same level are not eligible. Full-time employees at Higher Education Institutions are not eligible to apply. Candidates must have obtained an average of 70% during their undergraduate studies and preference will be given to equity. 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"> The CSIR/SU scholarship programme is a partnership between Stellenbosch University and the CSIR. Both institutions will evaluate applications according to internal, as well as joint criteria established by the joint committee. Please complete the application (including supporting documents) in English for consideration by the joint committee. 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. Must have obtained an average of 70% during undergraduate studies, and preference will be given to equity. 	

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Statutory Council Funding (Continued)

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
DAAD/NRF	Masters: R80,000 p/a PhD: R110,000 p/a	https://nrfs submission.nrf.ac.za	Available to students in all fields of engineering.	10 July 2017
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> South African citizenship and students with permanent residency, as well as a percentage of non-South African citizens only applicable to DST/NRF Innovation scholarship and NRF Freestanding scholarship. 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. Applicants who already have a qualification on the same level are not 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 fulltime salaried employment during the tenure of the scholarship. 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. 	

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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 2017
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
CONFERENCE ATTENDANCE	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 2017 (for conferences taking place between May and August '18)</p> <p>30 June 2017 (for conferences taking place between September and December '18)</p> <p>30 September 2017 (for conferences taking place between January and April '18)</p>
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> • Preference will be given to full-time registered PhD students in their 3rd year. • 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. • 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 PGIO 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 R10, 000. • Only applications for the relevant award cycle will be considered (see dates of the award cycles and corresponding closing dates on the application form). • 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 South African universities 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 referees 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>To Be Announced</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 a maximum of eight (8) 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 courses or equivalent degrees (excluding MBA) Six months of clinical training in medicine or dentistry 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 (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. 			<ul style="list-style-type: none"> 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. Submit a covering 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 MEMORIAL FUND (MMMF)	Masters: <i>On Request</i> PhD: <i>On Request</i>	http://www.mmmf-grants.org/grants-sa-application-process.html	Available to female students (all fields of engineering) from developing countries.	<i>To Be Announced</i>
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> The MMMF is making grants (for approximately US\$ 4,000 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 MMMF 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 MMMF 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 MMMF 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 MMMF 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: On Request	Doctoral Scholarships, The Carl & Emily Fuchs Foundation, PO Box 1910, Halfway House, 1685	Available to students in all fields of engineering.	On Request
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 bursary, 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: On Request PhD: On Request	https://apply.embark.com/scholarship/RhodesTrust	Available to students in all fields of engineering.	On Request
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 and younger than 25 years on 1 October of preceding year (extended by 3 years for medical students) 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, but can be extended for DPhil (PhD) Any postgraduate degree can be pursued: two-year Master's or two 1-year Master's or DPhil (PhD) or MBA or MFE (Masters in Financial Economics) but only during 2nd year of scholarship Costs covered: University application fee / All University and College fees (full funding) / Personal stipend / Return air ticket to Oxford Step 1: Complete application (online or hard-copy) <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: Rhotruster@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 bursary, 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: On Request PhD: On Request	http://southafrica.usembassy.gov/postgraduate.html	Available to students in all fields of engineering.	On Request
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. 		

- 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 bursary, 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)		15 September 2017
ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)	Masters: <i>On Request</i> PhD: <i>On Request</i>	Available to students in the fields of process (chemical) and civil engineering	http://www0.sun.ac.za/international/assets/files/Graduate%20Programme%202014.pdf	Christiana John (Christiana.John@erm.com)		<i>On Request</i>
GIBB	Masters: <i>On Request</i> PhD: <i>On Request</i>	Available to students in the fields of civil and electrical engineering.	http://www.gibb.co.za/Careers/Bursaries.aspx	Melissa Driver (bursaries@gibb.co.za)		31 August 2017
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)		31 October 2017
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>

Private Bursaries (Continued)

BURSARY	VALUE	FIELDS OF STUDY	WEBSITE	CONTACT	NOTES	CLOSING DATE
INSTITUTE FOR STRUCTURAL ENGINEERING (ISE)	Masters: R100,000 p/a	Available to students in the fields of mechanical & mechatronic engineering.		Dr Roman Lenner (rlenner@sun.ac.za)	Period of support: Masters (2 years) / Doctoral (3 years)	On Request
PAPER MANUFACTURERS' ASSOCIATION OF SA (PAMSA)	Masters: R105,000 p/a PhD: R105,000 p/a	Available to students in the fields of process (chemical) engineering.	http://www.thepaperstory.co.za/pamsa-msc-study-programme-for-post-graduate-chemical-engineering	Pattie Webster (patti.webster@pamsa.co.za / 011 803 5063)		30 September 2017
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
SANSA: EARTH OBSERVATION (EO) SPACE SCIENCE (SS)	Masters: R98,000 p/a PhD: R120,000 p/a	Available to students in the fields of electrical and electronic engineering.	http://www.sansa.org.za/bursaries	Júchelle Ontong (jontong@sansa.org.za)		31 July 2017

Private Bursaries (Continued)

BURSARY	VALUE	FIELDS OF STUDY	WEBSITE	CONTACT	NOTES	CLOSING DATE
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@sansa.org.za)		<i>15 September 2017</i>
STELLENBOSCH UNIVERSITY ANTENNA AND MICROWAVE LABORATORY	Masters: R110,000 p/a PhD: R110,000 p/a	Available to students in the fields of electrical and electronic engineering.		Dr Arnold Rix (rix@sansa.org.za) Prof P Meyer (pmeyer@sun.ac.za)	Period of support: Masters (2 years) / Doctoral (3 years)	<i>31 August 2017</i>
UNIT FOR CONSTRUCTION MATERIALS (UCM)	Masters: R103,000 p/a PhD: <i>On Request</i>	Available to students in the fields of civil engineering.		Dr Riaan Combrinck (rcom@sun.ac.za)	The application date for the first round of applications is 17 July 2017, however late applications will also be considered.	<i>17 July 2017</i>
WASTE ROADMAP	Masters: <i>On Request</i> PhD: <i>On Request</i>	Available to students in the fields of process (chemical) engineering.	http://www.wasteroadmap.co.za/skillsdevelopment/bursaries.php	<i>To Be Announced</i>		<i>To Be Announced</i>

Internal Closing Dates for Postgraduate Applications

DEPARTMENT	INTERNAL CLOSING DATE FOR SOUTH AFRICAN CITIZENS	INTERNAL CLOSING DATE FOR INTERNATIONAL STUDENTS
CIVIL ENGINEERING	<i>15 January 2018</i>	<i>31 October 2017</i>
ELECTRICAL AND ELECTRONIC ENGINEERING	<i>30 March 2018</i>	<i>30 November 2017</i>
INDUSTRIAL ENGINEERING	<i>31 October 2017</i>	<i>15 July 2017</i>
MECHANICAL AND MECHATRONIC ENGINEERING	<i>30 November 2017</i>	<i>30 September 2017</i>
PROCESS ENGINEERING	<i>30 November 2017</i> Exceptions <u>may</u> be made in this regard - kindly follow up with the administrative postgraduate coordinator at Process Engineering.	<i>30 November 2017</i>

Kontak ons / Contact us



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Dept of Mechanical & Mechatronic Engineering

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Dept of Process Engineering

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