



# Engineering Postgraduate Student Funding

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# Research Topics & Fields of Research


## **CIVIL ENGINEERING**

 [RESEARCH TOPICS \(2017\)](#)

-  [Construction Engineering and Management](#)
-  [Construction Materials](#)
-  [Geotechnical, Pavement and Transportation Engineering](#)
-  [Structural Engineering & Civil Engineering Informatics](#)
-  [Water and Environmental Engineering](#)





## **INDUSTRIAL ENGINEERING**

 [RESEARCH TOPICS \(2017\)](#)

-  [Asset Care](#)
-  [Engineering Management and Sustainable Systems](#)
-  [Enterprise Engineering](#)
-  [Health Systems Engineering](#)
-  [Inclusive and Social Innovation](#)
-  [Manufacturing](#)
-  [PRASA Engineering Research Chair](#)
-  [SME Strategy Research Group](#)
-  [Supply Chain Management](#)
-  [Resource Efficient Production Engineering](#)
-  [Systems Modelling, Operations Research, and Decision Support](#)
-  [Value Capture Systems](#)





## **ELECTRICAL & ELECTRONIC ENGINEERING**

 [RESEARCH TOPICS \(2017\)](#)

-  [Computers and Control](#)
-  [Electrical Energy Systems](#)
-  [Electronics and Electromagnetics](#)
-  [Signal Processing and Machine Learning](#)

## **MECHANICAL & MECHATRONIC ENGINEERING**

 [RESEARCH TOPICS \(2017\)](#)

-  [Biomedical Engineering](#)
-  [Renewable and Sustainable Energy](#)
-  [Solar Thermal Energy](#)
-  [Sound and Vibration](#)

## **PROCESS ENGINEERING**

 [RESEARCH TOPICS \(2017\)](#)

-  [Bioprocess Engineering](#)
-  [Mineral Processing](#)
-  [Process Monitoring and Systems](#)
-  [Separation 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 the Postgraduate Student Funding Office) and independently administered or external funding (i.e. bursaries from external companies or organisations). For bursaries managed outside the Faculty of Engineering, students should engage in their own research and make contact with funding organisations independently.

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 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.

*With regards to funding managed by Stellenbosch University, International students should note that they only qualify for the Postgraduate Merit Bursary.*

- ***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, applicable to all Stellenbosch University postgraduate students, is compiled and printed on an annual basis, subject to review and renewal of content. The printed booklet can be obtained at the Postgraduate Student Funding Office, on the third floor of the RW Wilcocks Building. The booklet can also be downloaded 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 PGIO collates and publishes information on scholarships and opportunities administered independently, as well as by Stellenbosch University, in a bi-monthly Scholarships and Opportunities newsletter. To receive updates on such opportunities, feel free to subscribe to the mailing list online at <http://www0.sun.ac.za/international/media/newsletters/take-note-1.html> or send an email to [pgioweb@sun.ac.za](mailto: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 PGIO, 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 Stellenbosch University 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.
- Few funding mechanisms are available for international students. International students should therefore not rely on obtaining funds in the RSA but should seek funding in their country of origin before enrolling at Stellenbosch University.
- 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
<b>POSTGRADUATE MERIT BURSARY</b>	<p><b>Masters (for 1-year Masters programme):</b></p> <ul style="list-style-type: none"> <li>• R18,500 at registration</li> <li>• R10,000 at graduation</li> </ul> <p><b>Masters (for 2-year Masters programme):</b></p> <ul style="list-style-type: none"> <li>• R18,500 at registration</li> <li>• R18,500 2nd year</li> <li>• R10,000 at graduation</li> </ul> <p><b>Doctorate:</b></p> <ul style="list-style-type: none"> <li>• R69,000 over 3 years</li> </ul>	<p>Application should be done electronically via the student portal from <b>1 August</b>.</p> <p><a href="http://my.sun.ac.za">http://my.sun.ac.za</a> (click on "ACCOUNTS &amp; BURSARIES" and then click on "Bursaries and Funding: Apply")</p>	<b>2 December 2016</b>
ELIGIBILITY		SUPPLEMENTATION	
<ul style="list-style-type: none"> <li>• The bursaries are available in all fields of study to full-time students who are registered at SU in any postgraduate degree programme, provided that the candidate is not already in possession of a degree on the same level or higher. Full-time students are students who do not work for remuneration for more than 15 hours a week over a period of ten months during the academic year.</li> <li>• Students who meet the requirements for application at the Statutory Council, are strongly advised to apply, as the values of these bursaries are more substantial than SU Postgraduate Merit Bursaries.</li> <li>• Very few bursaries are available to international students who obtained a degree from a South African university.</li> </ul>		<ul style="list-style-type: none"> <li>• This is Stellenbosch University's own fund for postgraduate bursaries. At postgraduate level, merit bursaries are allocated according to set criteria, provided that an application is received by the stipulated closing date.</li> <li>• Applications from students, who have obtained an average of 75% minimum for the preceding degree qualification, will be considered. The preceding degree qualification should be at a lower NQF level (National Qualifications Framework) than the degree he/she is applying for. The cut-off mark of 75% may be higher, depending on the number of applications and the amount available for bursaries.</li> <li>• The amounts quoted here are values of the Postgraduate Merit Bursary per degree programme for the permitted period of funding, and do not indicate an allocation amount per year. Payment is done in annual instalments to successful applicants. Kindly note that these values are subject to change.</li> </ul>	

- **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).

# SU Bursaries (Continued)

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 <b>1 August</b>. (A second round of awards might take place, but this is subject to the availability of funds)</p> <p><a href="http://my.sun.ac.za">http://my.sun.ac.za</a> (click on "ACCOUNTS &amp; BURSARIES" and then click on "Bursaries and Funding: Apply")</p>	<b>30 September 2016</b>
ELIGIBILITY		SUPPLEMENTATION	
<ul style="list-style-type: none"> <li>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).</li> <li>This scheme is available to full-time and part-time postgraduate students.</li> <li>Part-time students qualify for a smaller amount.</li> <li>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.</li> <li>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"> <li>Family income</li> <li>Other bursaries received</li> <li>Family size</li> <li>Home Consumers' Index</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>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.</li> <li>Bursaries are paid, after receipt of the signed Declaration and completed financial planning, in March.</li> <li>Please note that students with financial need are classified as those with a total gross annual family income of no more than R250,000.</li> <li>Students who experience financial problems because of lifestyle choices (housing, transport, education of offspring) do not qualify as such.</li> </ul>	

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# Private Bursaries

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
<b>HARRY CROSSLEY</b>	<b>Masters:</b> R80,000 p/a <b>PhD:</b> R100,000 p/a <b>Awards:</b> 20 – 30 awards	<a href="http://my.sun.ac.za">http://my.sun.ac.za</a> (click on “ACCOUNTS & BURSARIES” and then click on “Bursaries and Funding: Apply”)	Limited awards available for international students who obtained their previous degree at a SA university.	<b>18 September 2016</b>
<b>THOM, HB &amp; MJ</b>	<b>Masters:</b> R50,000 p/a <b>PhD:</b> R70,000 p/a <b>Awards:</b> 6 – 8 awards	<a href="http://my.sun.ac.za">http://my.sun.ac.za</a> (click on “ACCOUNTS & BURSARIES” and then click on “Bursaries and Funding: Apply”)	Criteria of award include: good moral values, positive post-matric leadership in the following fields: sport, cultural, academics, religion etc. 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.	<b>12 September 2016</b>
<b>SASOL / STELLEN-BOSCH UNIVERSITY</b>	Amount varies due to the availability of funds	<a href="http://my.sun.ac.za">http://my.sun.ac.za</a> (click on “ACCOUNTS & BURSARIES” and then click on “Bursaries and Funding: Apply”)	Available only to students in the field of chemical engineering.	<b>2 December 2016</b>
<b>LA GRANGE, PHILIP</b>	Amount varies due to the availability of funds	<a href="http://my.sun.ac.za">http://my.sun.ac.za</a> (click on “ACCOUNTS & BURSARIES” and then click on “Bursaries and Funding: Apply”)	Available only to students in the field of electronic engineering.	<b>2 December 2016</b>
<b>LOUW, TIENIE</b>	Amount varies due to the availability of funds	<a href="http://my.sun.ac.za">http://my.sun.ac.za</a> (click on “ACCOUNTS & BURSARIES” and then click on “Bursaries and Funding: Apply”)	Available only to students in the field of aeronautical engineering (for study in SA or abroad). Preference will be given to a gifted student recommended by his/her supervisor.	<b>2 December 2016</b>

# Statutory Council Funding

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
<b>NRF FREESTANDING SCHOLARSHIP</b>	<b>Masters:</b> R50,000 p/a <b>Doctoral:</b> R70,000 p/a	<a href="https://nrfs submission.nrf.ac.za">https://nrfs submission.nrf.ac.za</a>	Available to students in all fields of engineering.	<b>22 July 2016</b>
<b>NRF SCARCE SKILLS SCHOLARSHIP</b>	<b>Masters:</b> R90,000 p/a <b>Doctoral:</b> R120,000 p/a	<a href="https://nrfs submission.nrf.ac.za">https://nrfs submission.nrf.ac.za</a>	Available to students in all fields of engineering.	<b>22 July 2016</b>
<b>NRF / DST INNOVATION SCHOLARSHIP</b>	<b>Masters:</b> R90,000 p/a <b>Doctoral:</b> R120,000 p/a	<a href="https://nrfs submission.nrf.ac.za">https://nrfs submission.nrf.ac.za</a>	Available to students in all fields of engineering.	<b>22 July 2016</b>
<b>NRF GRANT HOLDER BURSARIES</b>	<b>Masters:</b> <i>On Request</i> <b>Doctoral:</b> <i>On Request</i>	Please refer to the "Eligibility" notes below.	Available to students in all fields of engineering.	<b>14 March 2016</b> <b>14 July 2016</b>
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> <li>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.</li> <li>Applicants who already have a qualification on the same level are not eligible to apply.</li> <li>Full-time employees at Higher Education Institutions are not eligible to apply.</li> <li><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.</li> <li><u>Only applicable to NRF Grant Holder Bursaries:</u> Students can not apply for this bursary themselves, seeing as the grantholder of a NRF research grant (the students' study leader) needs to nominate the student for this bursary.</li> </ul>			<ul style="list-style-type: none"> <li>Scholarship holders are allowed to hold supplementary bursaries, grants or emoluments with unlimited values.</li> <li>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.</li> <li>Scholarship holders may not hold full-time salaried employment during the tenure of the scholarship.</li> <li>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.</li> <li>Period of Support: Masters (2 years) / Doctoral (3 years) Candidates applying for support in their 2<sup>nd</sup> year of Master's studies will be supported for 1 year only.</li> </ul>	

# Statutory Council Funding (Continued)

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
SKA	<b>Masters:</b> R94,000 p/a <b>PhD:</b> R119,000 p/a	<a href="https://skagrants.nrf.ac.za">https://skagrants.nrf.ac.za</a>	Available only to students in the fields of mechanical, electrical and electronic engineering.	<b>29 July 2016</b>
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> <li>South African citizens, and permanent residents of South Africa, who wish to complete a relevant MSc or PhD degree at a South African university.</li> <li>Citizens of Namibia, Zambia, Botswana, Mozambique, Madagascar, Mauritius, Kenya and Ghana, who wish to complete a relevant PhD or MSc degree at a South African university.</li> <li>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).</li> <li>Applicants who already have a qualification on the same level are not eligible.</li> <li>Full-time employees at Higher Education Institutions are not eligible to apply.</li> </ul>			<ul style="list-style-type: none"> <li>Scholarship holders are allowed to hold supplementary bursaries, grants or emoluments with unlimited values.</li> <li>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.</li> <li>Scholarship holders may not hold full-time salaried employment during the tenure of the scholarship.</li> <li>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.</li> <li>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.</li> </ul>	

- 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).

# Statutory Council Funding (Continued)

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
DAAD/NRF	<b>Masters:</b> R70,000 p/a <b>PhD:</b> R100,000 p/a	<a href="https://nrfs submission.nrf.ac.za">https://nrfs submission.nrf.ac.za</a>	Available to students in all fields of engineering.	<b>To Be Announced</b>
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> <li>South African citizens and permanent residents registered on a full-time basis.</li> <li>Preference will be given to full-time registered young South Africans, or full-time SU staff members (SA citizens/SA permanent residence status), studying towards a doctoral qualification.</li> <li>Full-time employees of Higher Education Institutions (HEIs) are not eligible to apply.</li> </ul>			<ul style="list-style-type: none"> <li>The programme targets candidates who are working towards a Master's or Doctoral degree.</li> <li>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.</li> </ul>	

- 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 Studies at SA Institutions

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
MANDELA RHODES	<b>Masters:</b> Amount varies due to availability of funds.	<a href="http://mandelarhodes.org/the-scholarship/apply">http://mandelarhodes.org/the-scholarship/apply</a>	Available to students in all fields of engineering.	<b>2 May 2016</b>
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> <li>Students intending to do a Master's degree are invited to apply for the Mandela Rhodes Foundation Scholarship.</li> <li>Open to citizens of all African countries.</li> <li>For postgraduate study at a South African university or tertiary institution (Master's degrees only).</li> <li>Any individual between 19 and 30 years of age.</li> <li>Individuals that reflect in their character a commitment to the four principles of Education, Reconciliation, Leadership and Social Entrepreneurship.</li> </ul> <p>Aspire to be a Mandela Rhodes Scholar if you:</p> <ul style="list-style-type: none"> <li>are a young African;</li> <li>dream of being a leader – a leader in whose blend of character and intellect Africa will take pride;</li> <li>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;</li> <li>believe in reconciliation, freedom, peace and prosperity among all human beings, who should share equal citizenship and opportunities in this world.</li> </ul>			<ul style="list-style-type: none"> <li>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.</li> <li>Ensure that you include the following documentation in your application: <ul style="list-style-type: none"> <li>A certified copy of your identity document, or birth certificate, or residency certificate or passport.</li> <li>A certified copy of your official academic transcript.</li> </ul> </li> </ul>	

- 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).

# Research and Travel Grants

GRANT	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
<b>CONFERENCE ATTENDANCE</b>	<b>PhD:</b> 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 ( <a href="mailto:cswartz@sun.ac.za">cswartz@sun.ac.za</a> ).	Available to students in all fields of engineering.	<p><b>30 March 2016</b> (for conferences taking place between May and August '16)</p> <p><b>30 June 2016</b> (for conferences taking place between September and December '16)</p> <p><b>30 September 2016</b> (for conferences taking place between January and April '17)</p>
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> <li>• Preference will be given to full-time registered PhD students in their 3rd year, but full-time registered PhD students in their 2nd year will also be considered.</li> <li>• 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.</li> <li>• An applicant will only be eligible for a grant once during his/her postgraduate studies.</li> <li>• The applicant should submit proof of the acceptance of the presentation by the conference organizers.</li> <li>• Preference will be given to: <ul style="list-style-type: none"> <li>○ Applicants with no funding from other grant schemes (e.g. Focus Areas, Thuthuka, capacity development, industrial contracts).</li> <li>○ Applicants invited to deliver oral presentations.</li> <li>○ Applicants who have not attended other international conferences abroad during the past two years.</li> </ul> </li> </ul>			<ul style="list-style-type: none"> <li>• 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.</li> <li>• 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.</li> <li>• 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.</li> <li>• Only applications for the relevant award cycle will be considered (see dates of the award cycles and corresponding closing dates on the application form).</li> <li>• The applicant must ensure that the application form is complete, with all the required documents attached. Incomplete applications will not be considered.</li> <li>• Please note that the awards are made on a competitive basis and that limited funding is available.</li> </ul>	

# Research and Travel Grants (Continued)

GRANT	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
<b>ABE BAILEY TRAVEL BURSARY</b>	<b>Masters: <i>On Request</i></b> <b>PhD: <i>On Request</i></b>	Robert Kotzé ( <a href="mailto:rk@sun.ac.za">rk@sun.ac.za</a> )	Available to students in all fields of engineering.	<i>On Request</i>
ELIGIBILITY		SUPPLEMENTATION		
<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>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.</li> <li>No bursar will be allowed to join the Tour later, or to interrupt the Tour. The tour ends officially in December 2016. 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.</li> <li>Married persons will not be allowed to be accompanied by his or her spouse.</li> </ul>		<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"> <li>A personal letter of motivation as to why you are applying.</li> <li>A current CV (including name and address, date of birth and nationality, schools attended).</li> <li>Three letters of reference (not older than 3 years).</li> <li>Copies of ID, matric certificate and university academic record.</li> <li>Copies of school &amp; university merit/achievement certificates (maximum 5 items).</li> <li>Details of leadership roles, and social and community service, at school and at university.</li> <li>A brief statement of the dates and purpose of any previous visits undertaken to the United Kingdom.</li> <li>Confirmation of a valid South African passport.</li> </ul> <p>The letters of reference should be from three current referees reporting on the character, leadership and personality of the nominee. The referees may send the letters directly to Robert Kotzé (<a href="mailto:rk@sun.ac.za">rk@sun.ac.za</a>).</p>		

# Scholarships for Studies abroad

GRANT	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
COMMONWEALTH SCHOLARSHIP	Masters: <i>On Request</i> PhD: <i>On Request</i>	<a href="http://cscuk.dfid.gov.uk/apply">http://cscuk.dfid.gov.uk/apply</a>	Available to students in all fields of engineering.	<i>To Be Announced</i>
ELIGIBILITY			SUPPLEMENTATION	
<ul style="list-style-type: none"> <li>Eligibility requirements are outlined in the Commonwealth Scholarship prospectus: <a href="http://cscuk.dfid.gov.uk/wp-content/uploads/2011/03/prospectus-scholarships-2016.pdf">http://cscuk.dfid.gov.uk/wp-content/uploads/2011/03/prospectus-scholarships-2016.pdf</a></li> <li>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.</li> <li>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.</li> </ul>			<ul style="list-style-type: none"> <li>Stellenbosch University has been invited to nominate a maximum of eight 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"> <li>One year taught masters courses or equivalent degrees (excluding MBA)</li> <li>Six months of clinical training in medicine or dentistry</li> <li>Doctoral degrees, up to three years of duration (UK institution)</li> </ul> </li> </ul>	

- 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 Studies at SA Institutions

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
MARGARET MCNAMARA MEMORIAL FUND (MMMF)	Masters: <i>On Request</i> PhD: <i>On Request</i>	<a href="http://www.mmmf-grants.org/home/south-africa-program">http://www.mmmf-grants.org/home/south-africa-program</a>	Available to female students in all fields of engineering.	<i>To Be Announced</i>
ELIGIBILITY				SUPPLEMENTATION
<ul style="list-style-type: none"> <li>Eligible applicants are women from developing countries currently enrolled at the University of Witwatersrand, University of Stellenbosch, University of Pretoria and University of Cape Town in South Africa.</li> <li>A candidate applying for the MMMF grant from South African universities must meet all of the following criteria: <ul style="list-style-type: none"> <li>You must be able to demonstrate a commitment to empowering women and children in developing countries (see detailed instructions on applications).</li> <li>You must be able to demonstrate financial need.</li> <li>You must intend to return to a developing country within two years of completing degree, or intend to remain in developing country at least two years to work towards empowering women and children.</li> <li>You must be at least 25 years old at the time of the application deadline (see detailed instructions on MMMF website).</li> <li>You must be able to demonstrate satisfactory academic performance.</li> <li>You must be a national of a country listed on the MMMF Country Eligibility List (<a href="http://www.mmmf-grants.org/home/eligible-countries">http://www.mmmf-grants.org/home/eligible-countries</a>).</li> <li>You must be enrolled at an accredited academic institution at time of application and plan to be enrolled for a full academic year upon receipt of grant.</li> <li>You must not be a relative of a World Bank Group, International Monetary Fund or Inter-American Development Bank staff or his/her spouse.</li> <li>You must not have not received a MMMF grant previously.</li> <li>Applicants applying from eligible countries other than South Africa, should be in possession of a study permit to be able to study in South Africa.</li> </ul> </li> </ul>				<ul style="list-style-type: none"> <li>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.</li> </ul>

# Scholarships for Studies at SA Institutions (Continued)

BURSARY/SCHOLARSHIP	VALUE	APPLY	FURTHER DETAILS	CLOSING DATE
CARL AND EMILY FUCHS	PhD: <i>On Request</i>	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"> <li>Only South African citizens may apply and the scholarships are awarded based on the following selection criteria: <ul style="list-style-type: none"> <li>Academic achievement / excellence – minimum requirement of a Master’s degree, passed with distinction or 75% average.</li> <li>Economic merit – preference will be given to economically deprived applicants.</li> <li>Leadership qualities.</li> </ul> </li> <li>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.</li> </ul>		<ul style="list-style-type: none"> <li>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).</li> <li>The two scholarships are awarded bi-annually, in any academic field of study / Doctoral program formally registered with a South African university.</li> <li>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.</li> <li>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’ Post-graduate 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.</li> <li>Applications should be submitted by mail directly to: Doctoral Scholarships, The Carl &amp; Emily Fuchs Foundation, PO Box 1910, Halfway House, 1685</li> </ul>		

- 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	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 fields of mechanical & mechatronic engineering.	<a href="http://crses.sun.ac.za/studies-bursaries-crses-bursaries">http://crses.sun.ac.za/studies-bursaries-crses-bursaries</a>	Jos Liebenberg ( <a href="mailto:jhl@sun.ac.za">jhl@sun.ac.za</a> )	<b>15 September 2016</b>
ENVIRONMENTAL RESOURCES MANAGEMENT (ERM)	Masters: <b>On Request</b> PhD: <b>On Request</b>	Available to students in the fields of process (chemical) and civil engineering	<a href="http://www0.sun.ac.za/international/assets/files/Graduate%20Programme%202014.pdf">http://www0.sun.ac.za/international/assets/files/Graduate%20Programme%202014.pdf</a>	Jeevan Pather ( <a href="mailto:jeevan.pather@erm.com">jeevan.pather@erm.com</a> )	<b>On Request</b>
GIBB	Masters: <b>On Request</b> PhD: <b>On Request</b>	Available to students in the fields of civil and electrical engineering.	<a href="http://www.gibb.co.za/Careers/Bursaries.aspx">http://www.gibb.co.za/Careers/Bursaries.aspx</a>	Melissa Driver ( <a href="mailto:bursaries@gibb.co.za">bursaries@gibb.co.za</a> )	<b>31 August 2016</b>
GOMETRO	Masters: <b>On Request</b>	Available to students in the fields of civil engineering.	<a href="http://www.sun.ac.za/ssml">www.sun.ac.za/ssml</a>	Megan Bruwer ( <a href="mailto:mbruwer@gibb.co.za">mbruwer@gibb.co.za</a> )	<b>30 October 2016</b>
NRF GRANTHOLDERS BURSARY	Masters: R80,000 p/a	Available to students in the field of process (chemical) engineering.	<a href="http://processengineering.sun.ac.za/biological-bactericides-effective-against-tuberculosis">http://processengineering.sun.ac.za/biological-bactericides-effective-against-tuberculosis</a>	Prof Kim Clarke ( <a href="mailto:kclarke@sun.ac.za">kclarke@sun.ac.za</a> )	<b>1 November 2016</b>

# Private Bursaries (Continued)

BURSARY	VALUE	FIELDS OF STUDY	WEBSITE	CONTACT	CLOSING DATE
PPS	<b>Masters:</b> Amount varies due to the availability of funds.	Available to students in all fields of engineering.	<i>To Be Announced</i>	Annemieke Nel ( <a href="mailto:anel@pps.co.za">anel@pps.co.za</a> )	<i>To Be Announced</i>
SANSA: EARTH OBSERVATION (EO) SPACE SCIENCE (SS)	<b>Masters:</b> R98,000 p/a <b>PhD:</b> R120,000 p/a	Available to students in the fields of electrical and electronic engineering.	<a href="http://www.sansa.org.za/bursaries">http://www.sansa.org.za/bursaries</a>	Júchelle Ontong ( <a href="mailto:jontong@sansa.org.za">jontong@sansa.org.za</a> )	<i>30 September 2016</i>
SCATEC SOLAR CHAIR IN PHOTOVOLTAIC SYSTEMS	<b>Masters:</b> R100,000 p/a <b>PhD:</b> <i>On Request</i>	Available to students in the fields of electrical and electronic engineering.	<i>To Be Announced</i>	Dr Arnold Rix ( <a href="mailto:rix@sansa.org.za">rix@sansa.org.za</a> )	<i>15 September 2016</i>

# Internal Postgrad Application Closing Dates

DEPARTMENT	INTERNAL CLOSING DATE FOR SA CITIZENS	NOTES
CIVIL ENGINEERING	<i>15 January 2017</i>	
ELECTRICAL AND ELECTRONIC ENGINEERING	<i>30 March 2017</i>	
INDUSTRIAL ENGINEERING	<i>31 October 2016</i>	Applications from students who are currently enrolled at the Department of Industrial Engineering (with an average mark of 65% and above) may apply for postgraduate studies up until January 2017.
MECHANICAL AND MECHATRONIC ENGINEERING	<i>30 November 2016</i>	
PROCESS ENGINEERING	<i>30 November 2016</i>	Exceptions <u>may</u> be made in this regard (kindly follow up with the administrative postgraduate coordinator at Process Engineering).

- **IMPORTANT:** It is important to note that the closing date for postgraduate applications for **international students** (Namibian students included) is **31 August 2016!**

# Kontak ons / Contact us



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