

This is Space Calling!

Join the South African Space Agency ...



APPLY NOW FOR A SANSA POSTGRADUATE BURSARY FOR THE 2025 ACADEMIC YEAR IN THE BELOW FIELDS

Are you interested in working within the space sector to bring real benefits to society? Are you ready to take on exciting space challenges? SANSA is looking for individuals who are driven and forward thinkers!

Earth Observation (Hons, MSc, PhD)

- Remote sensing
- Geospatial programming
- Earth system science with remote sensing
- Earth observations in ecosystems accounting
- Applications of remote sensing in environmental management including oceans and marine, agriculture and rangelands, water resource management, mineral resource and spatial planning, air quality and climate science

Engineering (MEng, MTech, MSc, PHD, DTech)

- Software and software systems engineering
- Aeronautical, aerospace, mechanical, material, process, electronic, mechatronic and computer engineering
- Space, systems, antenna and RF engineering
- Electromagnetic Compatibility
- Digital signal processing, onboard earth observation mission management, onboard data analysis and reaction, ground operations, earth observation and science data analysis and reporting

Space Science (Hons, MSc, MPhil, PhD)

- Solar physics and space weather forecasting
- Antarctic radar studies of atmospheric gravity waves
- Multi-instrument studies of space weather
- Multi-scale ionospheric physics, structure and dynamics
- Ionospheric and radio propagation modelling
- Theory of waves (solitons) in plasmas
- Atmospheric radiation studies
- Verification of space weather forecasting
- Modelling geomagnetically induced currents in power systems

All SANSA divisions (Hons, MSc, PhD)

- Computer science
- Information systems
- Software and systems engineering
- Data science
- Field of your choice related to key SANSA objectives
- Space Weather impacts on global navigation satellite systems
- Statistical analysis of ionospheric scintillation
- Evaluation of the space weather near-real-time products

Applications for 2025 are NOW OPEN until 30 September 2024. All proposals must be submitted by 30 September and sent to students@sansa.org.za. Please send updated proposals to students@sansa.org.za if you make changes after submission.

Application and requirements can be found and submitted @ <http://www.sansa.org.za/bursaries>. Note that some student projects may require the submission of an NRF bursary application as well as a SANSA application. All inquiries can be sent to grants@sansa.org.za | Only complete forms will be considered for selection.