

**Stellenbosch University**  
**Facilities Management - Planning and Development**

## **Senior GIS Specialist**

**(Ref. FAS/420/1116)**

The Planning and Development Division focuses on creating and improving SU's building infrastructure. These involve: **Facilities planning - Spatial management and development planning - Campus Master Plan - Database management - Property administration - Capital projects - Architectural design.**

**Duties:**

- The maintenance and delivery of management reports in respect of the databases of all properties, infrastructure, buildings, cadastral information and spatial usage, by means of a geographical information system (GIS);
- Updating of information systems and annual reporting on spatial usage by means of a Department of Higher Education management information system (HEMIS);
- Researching and documenting of an integrated GIS strategy for the Department Facilities Management;
- Researching and documenting of maintenance update methodology and responsible for implementation and coordination of methodology to ensure data integrity;
- Coordinating, monitoring, implementation and evaluation of integration with other university systems that make use of the GIS data in facilities management;
- Building effective partnerships with internal and external stakeholders;
- Participating in cross-cutting organisational, national and international GIS programmes;
- Performing research into new techniques, technology, solutions and software;
- Optimising and automating existing processes;
- Data manipulation and transformation;
- Finding solutions to complex technical problems;
- Providing technical guidance in the team.

**Requirements:**

- Three-year tertiary qualification in Geography / Town Plan / Demography / Cartography / Geographic Information Systems (GIS);
- 5 years' relevant GIS experience;
- Competent and conversant with spatial analysis techniques;
- Experience in the creation of intelligent maps;
- Knowledge of South African geography and use of spatial datasets is essential;
- Knowledge of MS Office Suite;
- High level of experience with at least two GIS software packages, ESRI products;
- Experience in enterprise GIS;
- Excellent report-writing skills;
- Training in project management;

- Experience in GIS systems architecture;
- Experience in mobile and web-based GIS;
- Experience in developing applications for hand-held devices will be an advantage;
- Experience in ESRI GIS products: ArcGIS Desktop, ArcGIS Server, ArcObjects, Java connector for ArcIMS will be a definitive advantage.

#### **Recommendations:**

- Willingness to work under pressure within targeted deadlines;
- Good organisational skills;
- Good interpersonal skills;
- Attention to detail and quality;
- Adaptable to change;
- Good management skills;
- Ability to work in a team.

**Commencement of duties:** 1 March 2017

**Closing date:** 23 December 2016

**Enquiries regarding this post:** Mr. Francois Swart, Manager: Space and Development Planning, on 021 808 4630 or [fcswart@sun.ac.za](mailto:fcswart@sun.ac.za)

**Enquiries regarding remuneration/benefits as well as technical assistance with the electronic application process:** Human Resources Client Services Centre on 021 808 2753

The University will consider all applications in terms of its Employment Equity Plan, which acknowledges the need to diversify the demographic composition of the staff corps, especially with regard to the appointment of suitable candidates from the designated groups.

The University reserves the right not to make an appointment.

Your application, comprising a comprehensive curriculum vitae (including the names and contact details of at least two referees), must reach the University before or on the closing date of the advertised post.

**Apply online at** [www.sun.ac.za/english/careers](http://www.sun.ac.za/english/careers)

*Candidates may be subjected to appropriate psychometric testing and other selection instruments.*

*The University reserves the right to investigate qualifications and conduct background checks on all candidates.*

***Should no feedback be received from the University within four weeks of the closing date, kindly accept that your application did not succeed.***