



Civil Engineering

Structural Mechanics & Dynamics Senior Lecturer/Lecturer/Junior Lecturer

(Ref. BC/364/10/09)

This vacancy has arisen because of the expansion of the existing strong teaching and research team in Structural Engineering, due to growing undergraduate and graduate student numbers in this discipline. A candidate, who wants to follow an academic career in this field, will benefit from mentorship by specialists in the field. Career development depends on the appointee's academic achievements in teaching, the development of a national and international research profile, and community service.

Duties: Undergraduate and postgraduate teaching and curriculum development in Strength of Materials, Continuum Mechanics and Structural Dynamics • postgraduate supervision and research in Structural Mechanics & Dynamics • participating in academic and departmental administration.

Requirements: *Senior Lecturer* – PhD in Civil Engineering with a focus on Structural Engineering • at least five years' experience in structural engineering practice OR at least five years' academic experience in teaching and research, as well as a proven research profile, in Structural Mechanics & Dynamics. *Lecturer* – Master's degree in Civil Engineering with a focus on Structural Engineering • at least three years' experience in structural engineering practice OR at least three years' academic experience in teaching and research, as well as a proven research profile, in Structural Mechanics & Dynamics. *Junior Lecturer* – BEng or BScEng in Civil Engineering with specialisation in Structural Engineering • an excellent study record in the Civil Engineering degree programme (BEng or BScEng), especially in Structural Engineering courses. *Senior Lecturer/Lecturer* – A record of mentorship of young engineers OR the successful guidance of postgraduate students to graduation in Structural Engineering • registration or eligibility for registration as Professional Engineer. *Senior Lecturer/Lecturer/Junior Lecturer* – Fluency in both Afrikaans and English or, in the case of candidates not fluent in Afrikaans, willingness to learn the language within an agreed period of time.

Recommendations: Experience in structural modelling and the use of structural analysis software packages such as DIANA, ABAQUS, STRAND7 • experience in and the ability to delivering presentations to large audiences.

Commencement of duties: January 2010 or as soon as possible thereafter

Closing date: 9 November 2009

Enquiries: Prof. G.P.A.G. van Zijl on 021 808 4436

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.

A competitive remuneration package and excellent service benefits are attached to these positions. For further details, contact **021 808 2753**.

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. Applicants should request their referees to forward confidential reports by the closing date direct to the address below.

Apply online at <http://www.sun.ac.za/vacancies>. You may also forward your application to The Manager: Personnel Provisioning & Planning, Stellenbosch University, Private Bag X1, Matieland 7602, e-mail it to vacancies_academic@sun.ac.za or fax it to 021 808 2484. Application forms are obtainable on our homepage at <http://www.sun.ac.za/applicationforms> or by e-mailing vacancies_academic@sun.ac.za or contacting 021 808 2753.

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