

Extraction and analysis of polysaccharides from seaweeds

PhD or MEng in Chemical Engineering (read more [here](#) about the programme and admission requirements)

Host: Prof Neill Goosen and Dr Matthew Noach

The research group of Prof Goosen/Dr Noach is seeking an excellent research candidate at Masters (or in exceptional cases, PhD level) to develop extraction protocols from dried seaweeds, and investigate seasonal variation in polysaccharide content of different seaweed species. The project will require a candidate who can work independently and accurately in the lab environment, and process and interpret large amounts of experimental data. The work will be done in collaboration with a partner academic institution, with which there will be frequent interaction.

The position is for full time on-campus studies only.

Commencement: The successful candidate must assume postgraduate work in Stellenbosch as soon as possible.

Requirements

- **For PhD studies:** A master's degree (MEng/MSc or similar) in Chemical Engineering or related field from an accredited tertiary institution.
- **For Masters studies:** A bachelor's degree (BEng/BScEng or similar) in Chemical Engineering from an accredited tertiary institution. *Candidates with BTech, National Diploma, or advanced diploma qualifications will not be considered.*
- Applicants must have good academic record (preferably with a course aggregate of >65%).
- Preference will be given to **South African citizens and permanent residents** who display academic excellence.

Application

Interested candidates must provide the following documentation: a cover letter, CV, degree certificate(s), complete academic transcript(s), and contact details of at least three academic references. Applications can be sent to njgoosen@sun.ac.za. Candidates may consider their application unsuccessful if they do not receive any feedback within four weeks of applying.

Stellenbosch University reserves the right not to fill the position.