

# Structured Masters

## INDUSTRIAL ENGINEERING

Offered by Stellenbosch University

### Focus: Logistics and Supply Chain Systems

There is a need for logistics and supply chain skills development in the African economy. These aspects are required as an enabler to establish sustained economic development and job creation via national trade growth, in our export markets.

The logistics and supply chain systems programme focuses on enabling students to develop forward-thinking strategies to enhance the global competitiveness of supply chains, making significant contributions to logistical frameworks and ensuring these systems are resilient and future ready.

### MEng (IE) programme structure

180 credit programme – 8 x 15 credit modules

#### Core modules

- Data Sciences (Eng)
- Adv Topics in Engineering Management
- Project Management
- Sustainable Logistics Systems
- Supply Chain Risk and Resilience
- Introduction to Logistics Management (dependent on previous qualifications and/or experience)

#### Elective modules (choose 2 or 3 depending on modules selected above)


- Strategic SC Engineering
- Logistics Resource Engineering
- Supply Management (Inbound)
- Supply Management (Outbound)

**Additional module:** Professional Communication

**Research assignment in industry relevant topics (60 credits)**


Updated October 2024


 **ACADEMIC HEAD OF PROGRAMME**  
Prof LL Goedhals-Gerber

 **PRESENTATION MODE**  
FULLTIME and PARTTIME  
ONLINE or in person at SU

**Module based with continuous assessment**

- 2 weeks pre-reading
- 5 days of lectures (2 days, 1 day, 2 days) (synchronous)
- 6 weeks post block assignments

 **APPLICATION**  
Please contact Dr Frei or  
Prof Goedhals-Gerber

 **APPLICATION DATES 2025**  
Applications closing date **30 November 2024**.

 **REQUIREMENTS**  
The degree will be offered to students with a prior NQF level 8 qualification or international equivalent. Typical previous programmes that would be admitted are:

- A four-year B Eng degree (any discipline), **OR**
- A four-year BSc degree (any discipline), **OR**
- Any four-year degree (or three-year and honours degree) with either computer science, mathematics, applied mathematics or similar analytical modules as a major.

 **FURTHER INFORMATION CONTACT**

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