

Open Day – Faculty of Engineering

Saturday, 15 March 2025 @ 08:00 – 15:00

Open Day Programme

Parking and Starting Point:

Follow the directions on [Google Maps](#) to the Engineering student parking in Hammanshand road, Stellenbosch. From there, visitors can proceed to the Starting Point (the Bedouin tent) to collect an information pack.

General Information Sessions / Documentary:

The Dean and Vice-Deans will present general information sessions in lecture halls S1018 and E1025.

An interesting documentary will be screened continuously.

- S1018: English sessions @ 09:00 / 10:00 / 11:00
- E1025: Afrikaans sessions @ 09:00 / 10:00 / 11:00
- S1018: Bilingual sessions (interpretation) @ 12:00 / 14:00
- S2024: Documentary (*Recharging Hope*)

Departmental Tours and Demonstrations:

Undergraduate engineering students (tour guides) will welcome visitors at the Starting Point (the Bedouin Tent) and accompany them on tours showcasing various departmental demonstrations. Tours will depart every 10 to 15 minutes, *starting at 08:15, with the final tour departing at 14:00.*

Minimum admission requirements for BEng:

- Average percentage – at least 70%
- Mathematics – at least 70%
- Physical Sciences – at least 60%

Closing date for engineering applications:

- 31 July 2025

General information / Winterweek:

- <https://www.eng.sun.ac.za/open-day>
- <https://www.sun.ac.za/english/maties>
- <https://www.eng.sun.ac.za/winterweek>

Engineering Yearbook:

- <http://www.sun.ac.za/Yearbook2025>

Engineering as a possible field of study:

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Departmental Demonstrations

CHEMICAL

<http://chemeng.sun.ac.za>

- Antioxidant extraction from grape skins
- Sustainable hydrogen production using purple bacteria
- Urban mining for a circular economy
- Q&A Session

CIVIL

<http://civeng.sun.ac.za>

- 3D printing infrastructure: the future of development?
- Modelling mobility: designing tomorrow's cities
- Shaping flow: the science of water dynamics
- Q&A Session

ELECTRICAL & ELECTRONIC

<http://www.ee.sun.ac.za>

- Electronic Systems Laboratory
- High Voltage Laboratory
- Media Laboratory
- Q&A Session

INDUSTRIAL

<http://www.ie.sun.ac.za>

- Industrial engineers and the design and improvement of production systems
- Travelling salesperson problem
- VR Learning Factory
- Q&A Session

MECHANICAL & MECHATRONIC

<http://mecheng.sun.ac.za>

- Energy
- Mechanical
- Mechatronic
- Q&A Session