

SHORT COURSE: Humanising Road Design: Universal Accessibility & NMT Principles

DEPARTMENT OF CIVIL ENGINEERING • 16 - 17 April 2026

COURSE COORDINATOR

Dr Megan Bruwer

FEES

2-day course
R5000.00

ECSA CPD POINTS

2 points

LANGUAGE

The course will be presented in English.

PROGRAMME

Attached

CONTACT

Thandiswa Sozawe
021 808 2080
civilcourses@sun.ac.za

OBJECTIVES

Equip engineers to design improved road infrastructure that thoughtfully accommodates all road users through incorporating Universal Design principles with geometric road design methods.

OUTCOMES

- Develop understanding of the needs of vulnerable road users related to Non-Motorised Transport infrastructure.
- Incorporate Universal Design principles into geometric road design projects to confidently design mobility environments that support holistic and dignified human movement, not only vehicular movement.
- Appreciate the need for and mechanisms of conducting Universal Accessibility Audits.

Only digital certificates will be issued - Please choose this option when registering.

COURSE

ARRANGEMENTS

This course will be presented face-to-face on the Stellenbosch Campus.

Details will be forwarded to registered delegates once payment has been received.

[CLICK HERE TO REGISTER](#)

REGISTRATIONS

Registrations close:
02 April 2026.

All payments are due by:
09 April 2023

Payment confirms registration.





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Humanising Road Design: Universal Accessibility and NMT Principles

Department of Civil Engineering, Stellenbosch University
ECSA accredited: 2 CPD points

Course Programme:

DAY 1 (16/04/2026): Non-Motorised Transport		Presenter
8:30 – 9:30	Introduction: Humanising road design	Megan Bruwer (Stellenbosch University)
9:30 – 10:30	Road classification and pedestrian facility design	
10:30 – 11:00	TEA	
11:00 – 12:00	Local area planning for pedestrians: the Dennesig case study	Johan Brink / Nick Platte (ITS)
12:00 – 13:00	NMT in support of public transport: lessons from City of Cape Town	Marli Swart & Dirk Du Preez (City of Cape Town)
13:00 – 14:00	LUNCH	
14:00 – 15:00	Engineering “Human Scale” NMT strategies	Gordan Laing (SEE Sustainability)
15:00 – 16:30	PRACTICAL SESSION: Improving NMT infrastructure	Megan Bruwer
DAY 2 (17/04/2026): Universal Accessibility		Presenter
8:30 – 9:30	Introduction to Universal Accessibility	Megan Bruwer
9:30 – 10:30	South African design standards for Universal Accessibility	Guy Davies (Disability Solutions)
10:30 – 11:00	TEA	
11:00 – 12:30	Accessibility Audits and construction management	Guy Davies
12:30 – 13:30	LUNCH	
13:30 – 15:30	PRACTICAL SESSION: NMT Infrastructure Accessibility Audit	Megan Bruwer
15:30 – 16:30	DISCUSSION: Universal Design for road infrastructure	