



UNIVERSITY OF  
KWAZULU-NATAL™

INYUVESI  
YAKWAZULU-NATALI

# SCHOOL OF ENGINEERING

Civil Engineering

we build



INSPIRING GREATNESS

The Civil Engineering programme at UKZN includes the major sub-disciplines of Structural, Hydraulic, Geotechnical, Transportation and Environmental Engineering, which are compulsory for all graduates. Civil Engineers improve our quality of life by the planning, design and construction of infrastructure while minimising adverse impacts on the environment. For example:

- Hydraulic engineers design systems that provide a clean and safe water supply for public consumption, which includes dams, pipelines, water treatment plants and water distribution networks.
- Environmental engineers design systems that provide for the collection, treatment and disposal of waste-water and solid waste.
- Structural engineers design buildings and other structures such as stadiums and bridges to enable our modern society to function effectively and safely.
- Transportation engineers design transportation infrastructure such as roads, railways, airports and harbours, which facilitate commerce, trade and other activities.
- Geotechnical engineers design the earthworks and foundations that underpin the above facilities and ensure they are safe.



## Career Opportunities

Civil Engineers work in government, local authorities, private consultancies and contractors.

Civil Engineering activity is one of the pre-requisites for economic growth and Civil Engineers can work anywhere in the world. They are fortunate in that their work is rated as one of the most satisfying professions available.

## Subject Requirements

- NSC degree pass
- Mathematics and Physical Science Level 6 (70%)
- English and Life Orientation Level 4 (50%)
- 3 other subjects with at least 2 from the designated list





## Application Requirements

1. Applications to study must be made in the prescribed manner via the Central Applications Office ([www.cao.ac.za](http://www.cao.ac.za)), and must include presentation of the Matriculation Certificate where specified.
2. An applicant who has studied at any other tertiary education institution must, in addition, present an academic record and a certificate of conduct from that institution.
3. For new admissions:
  - APS (Accumulated points score)
  - Selections are processed on a sliding scale, on academic merit, with the minimum as per subject requirements.

Should you have any queries please contact one of the staff members below who will assist you:

**For Teaching and Learning Enquiries only: Venishree Pillay**

**Tel: 031 260 3349; Email: [pillayve@ukzn.ac.za](mailto:pillayve@ukzn.ac.za)**

**ADMISSION ENQUIRIES FOR NEW ADMISSIONS**

**Undergraduate:**

**Tel: 031 260 8038/1220/3218; Email: [engineering@ukzn.ac.za](mailto:engineering@ukzn.ac.za)**

**Postgraduate (MSc and PhD): Ms Aussie Luthuli**

**Tel: 031 260 1668; Email: [Luthulia@ukzn.ac.za](mailto:Luthulia@ukzn.ac.za)**

**Ms Nombuso Dlamini**

**Tel: 031 260 2070; Email: [Dlaminin7@ukzn.ac.za](mailto:Dlaminin7@ukzn.ac.za)**