



UNIVERSITY OF  
KWAZULU-NATAL™

INYUVESI  
YAKWAZULU-NATALI

# SCHOOL OF ENGINEERING

Construction Studies



we construct

INSPIRING GREATNESS

Study programmes in our Construction Studies discipline are designed to prepare graduates for careers in construction or construction-related fields through an immersive, integrative, collaborative and transformational education. Graduates will be able to manage both construction projects and also the business of construction.

The curriculum is interdisciplinary and provides a broad knowledge base in business, engineering and construction sciences. Assigned academic work will involve a range of activities – collaborative cross-disciplinary team projects, hands-on building projects and construction site visits with practicing professionals. The extensive academic and professional experience in construction of the academic staff is complemented by industry professionals who teach our students, speak about their personal experiences and review student projects.

Our degrees facilitate and encourage student collaboration across other disciplines within the School of Engineering. This prepares them for the collaborative nature of the building professions and equips them with the skills for success in construction management and administration, project management, quantity surveying, construction health and safety and a broad range of construction-related fields.

The curriculum includes general foundation courses in mathematics, science and business. Construction-specific courses cover construction health and safety, passive and active systems, structures, surveying, construction contracts, scheduling, health and safety, construction and project management, financial management and construction law. Industry-standard software and technology helps students balance technology skills with the soft skills of collaboration, decision-making and management. Students are not only educated in the current technologies, they are equipped to maximise new and developing technologies and pair them with traditional skills. We are leading the charge in incorporating construction technology in education.

Students seeking to hone their skills and specialise in a specific area have the option of continuing with a one-year full-time Honours degree, majoring at present in either Quantity Surveying or Construction Management.

Our website has a variety of information about our programme and curriculum. We encourage you to schedule a visit so we can meet with you, discuss our programme in more detail, show you our facilities and introduce you to our students and staff.

## Career Opportunities

Our BSc. Property Development degree is a professional qualification which allows graduates to be accredited by the SA Council for the Quantity Surveying Profession (SACQSP) and The South African Council for Project and Construction Management Professions (SACPCMP). There are excellent employment opportunities for both Construction Managers and Quantity Surveyors.

Construction Managers specialise in the technology management (technical construction aspects), financial management, health and safety management and project management of building and civil construction,

Quantity Surveyors specialise in the financial and legal management side of property, building and civil construction.

Highly experienced individuals may become independent consultants; some serve as expert witnesses in court or as arbitrators in disputes. Those with the required capital may establish their own consulting practices, construction management services, construction health and safety practices, specialty contracting, or general contracting firm.

## Subject Requirements

- NSC degree pass
- Mathematics and English Level 5 (60%)
- Physical Science and Life Orientation Level 4 (50%)
- 3 other subjects with at least 2 from the designated list

## Application Requirements

For admission to the BSc Property Development you will need a NSC Point score of 33 (minimum) excluding Life Orientation.

For admission to our postgraduate Honours degrees, you will need to have completed the BSc Property Development with an overall aggregate of 60% or a BTech in a construction-related discipline with an overall aggregate of 60% or a construction-related Bachelor's degree with an overall aggregate of 60%.

For admission to our Masters degrees in Quantity Surveying, Construction Management and Construction Project Management, you will need to have earned a construction-related Honours degree.

For admission to our PhD degree you will need to have earned a construction related Masters or MTech degree by research.

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

For Teaching and Learning Enquiries only: Mrs Bilkiss Alladeen  
Tel: 031 260 2687; Email: Alladeen@ukzn.ac.za

### ADMISSION ENQUIRIES FOR NEW ADMISSIONS

Undergraduate:

Tel: 031 260 8038/1220/3218; Email: engineering@ukzn.ac.za

Honours: Shane Opperman

Tel: 031 2605 7515 / 033 260 5217; Email: Opperman@ukzn.ac.za

Postgraduate (MSc and PhD): Ms Aussie Luthuli

Tel: 031 260 1668; Email: Luthulia@ukzn.ac.za

Ms Nombuso Dlamini

Tel: 031 260 2070; Email: Dlamini7@ukzn.ac.za