

UNIVERSITY OF JOHANNESBURG

Process, Energy and  
Environmental Technology  
Station (UJ PEETS)

# ENVIRONMENT

Waste Optimisation  
Air Quality Management  
Environmental Efficiency



## Short Learning Programme (SLP)

### Green Building Institutional Arrangements Legislation, Regulation, Policies and Systems

#### THE PROGRAMME

This short learning programme (SLP) will introduce the concepts of green building relating to the goals of sustainable development, green building institutional instruments, green building assessment methodologies, Green Star SA green building rating tool methodology, green building rating tool critiques, case studies, and business opportunities.

#### COURSE INFORMATION

- Self-taught online course, which you can do at your own pace over a specified period.
- Interactive material such as online recorded lectures and reading material will be provided
- You will spend around 100 hours of personal study on the course.

#### WHY?

Construction activity consumes a substantial amount of natural resources. One of the strategies adopted by the construction industry to improve the environmental performance of its products is the application of green building principles. Green buildings aim to minimise environmental impact while improving indoor environmental health for the benefit of occupants.

#### OUTCOME

Participants that pass the course should be able to:

- Demonstrate an understanding of the basic theories, design principles and current practices related to green building design and construction.
- Demonstrate an ability to access, study, critically analyse and insightfully interpret relevant government policy and regulation to successfully execute green building projects.
- Demonstrate understanding of the ethical responsibilities of design professionals with respect to green building design and construction and be aware of the implications building design and construction has on social and environmental well-being.
- Demonstrate an appreciation of the purposes, scope, utilisation, differentiation, and limitations of international green building assessment systems.
- Demonstrate understanding of the application of basic green building design principles in the design of the built environment. These include techniques related to energy use, resource cycles, understanding climate, ecology and natural systems and being aware of health and psychological factors in design.

#### WHO SHOULD ATTEND?

Candidates require an entry level of NQF 5.

For further enquiries send an email to [peetstraining@uj.ac.za](mailto:peetstraining@uj.ac.za)

