



Presentation of Strategic Pillar: Curricula

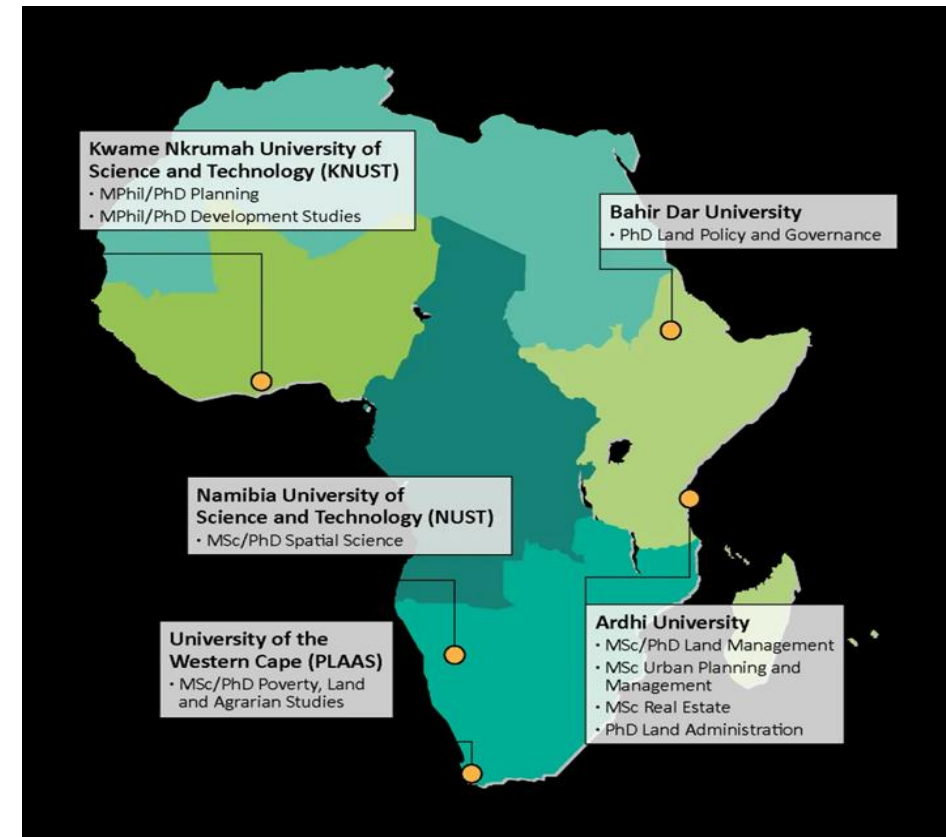
Dr Fatima Mandhu

Curricula



Key points from Research and Capacity Development Strategy for Land Governance Innovation in Southern Africa

The partners in the NUST-NELGA Hub are offering everything from undergraduate courses to doctorate level in the area of land governance and administration



Curricula



UNIVERSITY
OF SCIENCE AND
TECHNOLOGY



Southern African Hub

Gaps in the current Curricula according to the report

- both in terms of the methodology and pedagogy of teaching, as well as updating
- improving the relevance of academic programmes
- integration and alignment of academic programmes in the region to ensure easier transfer and credit for courses taken
- exchanges between programmes at different academic institutions

Curricula



UNIVERSITY
OF SCIENCE AND
TECHNOLOGY



Southern African Hub

4 strategic initiatives within Curriculum Development

- Topical Relevance of Curricula
- Global drivers and technology in Curricula
- Opportunities for learning in Curricula
- Sharing of experience & cooperation between university Curricula



Topical Relevance of Curricula

The following gaps in Curricula have been identified in the report:

- Informal settlements and vital urban development
- Planning methodologies
- Surveying
- Mapping
- Registration of all kinds of rights
- Valuation
- Taxation
- Taxation methodologies to accommodate informal settlements
- New and emerging technologies eg open data and big data to Innovative solutions



Global drivers and technology in Curricula

- Curricula should be updated to include global drivers of change such as globalization, climate change and the UN sustainable Development goals
- Technologies are more commonly available and affordable
- These technologies can provide opportunities for better methods of delivery of the curricula



Opportunities for learning in Curricula

- Introduction of problem-based learning instead of teaching and lecturing.
- Problem-based and project organized learning can take a multidisciplinary approach to resolve real-world problems
- This approach will allow the learners to develop multi-skilled teams rather than simply learning about a particular topic.
- Development of online learning platforms as structured knowledge base with specific topics can prove to be beneficial.



Sharing of experience & cooperation between university curricula

- Curricula should be aligned to facilitate the sharing of experiences between partners in the NUST-NELGA Hub
- There should be improved exchange of courses and credits between universities
- It will also facilitate student and staff mobility and enrich the type and variety of courses and programmes available for students to choose from.
- Development of joint programmes will enhance collaborative teaching, learning and problem solving
- Short courses and master classes provide a good basis for exchange and cooperation.

Curricula



UNIVERSITY
OF SCIENCE AND
TECHNOLOGY



Southern African Hub

Strategic Initiative and Objective

- Encourage curriculum development initiatives in the priority areas

ACTIVITIES:

- Revise curricula to reflect relevant topical issues in the region and the drivers of the global agenda and technology development
- Ensure the curriculum provides opportunities for learning such as Problem-based and project-organized elements
- Enable sharing of experience and exchange of staff and students between respective universities

Curricula



UNIVERSITY
OF SCIENCE AND
TECHNOLOGY



Southern African Hub

Indicators

- # and kind of revision processes towards regional issues
- # and kind of revision processes towards global and technology drivers
- # and kind of revision processes for incorporation learning opportunities
- # of staff and students exchanged
- # of participating institutions

Curricula



PAMIBIA
UNIVERSITY
OF SCIENCE AND
TECHNOLOGY



Southern African Hub

Presented for ratification

Any clarification?

END OF THE PRESENTATION

