

19.3.1 Purpose of the programme

The purpose of the programme is to provide students with advanced planning education covering all aspects of human settlement planning and sustainable development of the Built Environment that are needed by the professional Town Planner. The programme is designed for those who intend to become professional town planners and who possess a good matric foundation or qualification. The programme will ensure that graduates are well-equipped with the knowledge and skills necessary for them to compete with their colleagues in the profession and in allied professions as they work in tandem towards shaping the growth and development of the built environment.

19.3.2 Outcomes

Students who complete this programme will be able to:

- systematically diagnose and solve broadly defined planning problems by applying appropriate planning principles, techniques and methodologies.
- apply knowledge of design and theory to analyse and arrive at appropriate planning solutions to built environment problems.
- use relevant technological tools like GIS, AutoCAD, and SPSS in the design and data analysis required of professional planners.
- engage with complex issues surrounding the built environment from a planning point of view.
- manage community participation through identifying community dynamics and applying community participation techniques and facilitating a process of capacity building.
- monitor land use and development by reviewing and interpreting planning legislations, methodologies, policies and trends.
- apply knowledge of integrated development principles in all planning related work.
- apply scoping and surveying techniques to analyze sites and solve problems.
- apply communication skills in retrieving and disseminating information.
- apply ethical principles in undertaking any planning work.
- manage planning inputs within a project through the management of time, quality and human resources.
- work in a team.
- research plans, within the built and natural environment, to assist in facilitating land use and spatial planning; and
- conduct themselves in a professional manner.

CODE	MODULE	CODE	MODULE
First year			
First semester		Second semester	
CPSTRA1	Introduction to Computer Studies 1A	ARCTRB1	Architural Design 1B
DRWTRA1	Planning Design: Techniques of Drawing 1A	CIPTRB1	Civil Engineering for Planners 1B
ECS1AA1	Engineering Communication Skills 1A	CPATRB1	Computer Application: Intro and AutoCAD 1B
GEPTRA1	Geography for Planning 1A	ECS1BB1	Engineering Communication Skills 1B
PLNTRA1	History and Principles of Planning 1A	LSVTRB1	Intro to Land Surveying 1B

MATMIA1	Measurement Mathematics 1A	PLSTRB1	Planning Design and Intro to Planning Survey 1B
AFINSA1	African Insights	PUSTRB1	Population and Urbanisation Studies 1B

Second year

First semester		Second semester	
ECPTRA2	Economics for Planners 2A	URBTRB2	Planning Design: Urban Renewal 2B
LPLTRA2	Legal Principles: Planning Law & Admin 2A	HDETRB2	Housing Development 2B
NDSTRA2	Plan Design: Neighbourhood Design & Site Plan 2A	LATTRB2	Land Economics and Tenure System 2B
QTPTRA2	Quantitative Techniques in Planning 2A	LDCTRB2	Legal Principle Dev Control & Settlement Disputes 2B
TRATRA2	Transportation Planning 2A	RLUTRB2	Rural Land Use and Development planning 2B
CPATRB1	Computer Application: GIS 2A	ULUTRB2	Urban Land Use and Development Planning 2B

Third year

First semester		Second semester	
BEPTRA3	Building Economics, Property Valuation and Management 3A	APTTRB3	Advanced Planning Theory 3B
ACMTRA3	Computer Applications: Advanced Computer Modelling 3A	ASSTRB3	Plan. Design Advance Strategic & Spatial Plan 3B
RADTRA3	Regional Analysis & Development Planning 3A	ESMTRB3	Environmental Science & Management 3B
RESTR3	Research Techniques in Planning 3A	MGTRB3	Management in Planning 3B
SOCTRA3	Sociology and Planning 3A	PPMTRB3	Project Planning and Management 3B
SPSTRA3	Plan Design: Spatial Planning / 3A	TOUTRB3	Tourism and Recreation Planning 3B