

BSc (Hons) Town and Country Planning (Top- Up) – E412

1. Objectives

Planners administer a comprehensive system of controls on land use planning. The aims of this programme are:

- to provide students with the theoretical and practical knowledge, understanding and skills required for sustainable land use planning
- to provide a supporting environment in which students are able to fulfil their educational potential as well as enhance their employment prospects within and beyond the planning profession

2. Programme Requirements

Applicant must have been awarded the Diploma in Town and Country Planning of the University of Mauritius or have an equivalent qualification acceptable to the University of Mauritius

3. Minimum Requirements for Degree Award

Law and Management	9
Departmental (core)	37.5
Departmental (electives)	3
TOTAL	49.5

For award of the degree, all core modules prescribed (46 credits) by the programmes structure must be completed.

4. **Programme Duration** - 2 years Minimum and 4 years Maximum
5. **Semester** - 15 weeks (Excluding Examination Period)
6. **Credits per Semester** - Minimum 9 credits
Maximum 24 credits

7. Minimum Credits Required for Award of the Degree – 49.5

8. Assessment

All modules will carry 100 marks and will be assessed as follows (unless otherwise specified):

Assessment will be based on a written examination of 2-hour duration and on continuous assessment carrying of **20% to 30%** of total marks.

Continuous assessment will be based on fieldwork, assignments and **should include at least two (2) assignments/ tests per module.**

An overall total of **40%** for combined assessment and written examination components would be required to pass the module, without minimum thresholds within the individual continuous assessment and written examination.

9. Programme Plan: BSc (Hons) Town and Country Planning

LEVEL 1

SEMESTER 1 Core modules

MGT 2127	People and organisations	3+0	3
CIVE 3108	Statistical analysis in planning	3+0	3
CIVE 2108	Design awareness in planning	3+1	3.5
CIVE 2207	Environmental Planning	3+0	3

SEMESTER 2 Core modules

CIVE 2208	Policy making & implementation	3+0	3
LAWS 2208	Intro to land and town and country planning law	3+0	3
CIVE 2216	Environmental Engineering	3+1	3.5

LEVEL 2

SEMESTER 1

Core modules

CIVE 3109	Development process	3+0	3
MGT 3117	Tourism and leisure planning	3+0	3
CIVE 3208	Community and society	3+0	3
CIVE 3000	Degree project		

SEMESTER 2

Core modules

CIVE 2216	GIS for planners	3+1	3.5
CIVE 3224	Coastal Zone Management	3+0	3
	Elective	3+0	3
CIVE 3000	Degree project		6

Elective

CIVE	3111	Transportation Engineering	3+0	3
CIVE	3107	Integrated infrastructure planning and development (Part1)	3+0	3

10. List of Modules - BSc (Hons) Town and Country Planning

CORE MODULES			HRS/WK L+P	CREDITS
ENGINEERING				
CIVE	2108	Design awareness in planning	3+1	3.5
CIVE	2207	Environmental Planning	3+0	3
CIVE	2208	Policy making and implementation	3+0	3
CIVE	3107	Integrated infrastructure planning and development (Part1)	3+0	3
CIVE	3108	Statistical analysis in planning	3+0	3
CIVE	3109	Development Process	3+0	3
CIVE	3000	Degree Project	-	6
CIVE	3208	Community and Society	3+0	3
CIVE	2216	GIS for planners	3+1	3.5
CIVE	3224	Coastal Zone Management	3+0	3
CIVE	2216	Environmental Engineering	3+1	3.5
LAW AND MANAGEMENT				
LAWS	2208	Introduction to Land and Town and Country Planning Law	3+0	3
MGT	3117	Tourism and leisure planning	3+0	3
MGT	2127	People and Organisations	3+0	3
ELECTIVES				
ENGINEERING				
CIVE	3111	Transportation Engineering	3+0	3
CIVE	3107	Integrated infrastructure planning and development (Part1)	3+0	3

11. Outline Syllabus

CIVE 2108 - DESIGN AWARENESS IN PLANNING (L / P – 3.5)

Concepts of sustainable planning; Design of buildings to make successful and sustainable development; recognise and define urban design problems; Current urban design and theories; illustration of planning and design processes involved; Evaluate urban design forms, regeneration proposals and built works, present urban design proposals

CIVE 2207 - ENVIRONMENTAL PLANNING (L / P - 3) to be replaced by

Integrated environmental planning assessment; Principles of Environmental economics: the cost analysis of implications on the environment; Urban environmental planning; the impacts of urbanisation on environment;; measures to reduce pollution; how to improve the urban environment; Case studies: lessons for management

CIVE 2208 - POLICY MAKING AND IMPLEMENTATION (L / P - 3)

Analysis of the theories, practices and techniques applicable in the preparation of development; plans and policies; the main issues involved in preparation of such plans; the implementation of these plans and policies; decision-making process; concepts of development management, practice of regulation and enforcement; Monitoring, evaluation and assessment to ensure compliance to existing plans.

CIVE 3000 - DEGREE PROJECT (P - 6)

Project in Town and Country Planning and other related areas of about 8,000 to 12,000 words.

CIVE 3107 - INTEGRATED INFRASTRUCTURE PLANNING AND DEVELOPMENT PART1 (L / P - 3)

Importance of Infrastructure Planning and Management. Systems Approach to Infrastructure Planning. Primary and Secondary Effects of Infrastructure Development. Spatial Organisation and Multipurpose Infrastructure Planning. Regional Infrastructure Development. Issues in Infrastructure Management. Social Aspects.

CIVE 3108 - STATISTICAL ANALYSIS IN PLANNING (L / P - 3)

Statistics for planning: role of statistics in planning, data sources, the population and sampling, the need for samples; questionnaires, variables, summary statistical measures; frequency distributions, probability and sampling, binomial distribution, normal distribution, tests of significance, basic concepts of hypothesis testing. To analyse data and to present the material effectively in graphic form

CIVE 3109 - DEVELOPMENT PROCESS (L / P - 3)

The module provides an overview of the Property Development process and the role of planning it. It explores the sequence of operations and actions required to bring out the potential of land, from identification of client need to end-user occupation.

Property development process; strategies and the role of land use planning; sequence of operations and actions required to increase the potential of land; forming the development concept; feasibility study; deal making – planning and financing; Project construction; operation or sale after completion of project.

CIVE 3208 - COMMUNITY AND SOCIETY (L / P - 3)

The role of the community in decision making and the plan making process; methods to encourage the community to participate in decision-making process, Strategies to create awareness and encourage participation; issues of community related to plan making process; different approaches to planning and community participation; how to encourage local involvement in urban planning process and the management of the environment

CIVE 3111 - TRANSPORTATION ENGINEERING (L / P - 3)

Transportation systems; Principles of transport analysis and forecasting; Transport planning strategies. Transport infrastructure: Geometric design, capacity and safety; Level of service; Parking facilities; Planning for pedestrians, cyclists and disabled people. Traffic management and control; regulatory measures; signal control, road user information systems.

CIVE 3224 - COASTAL ZONE MANAGEMENT (L / P - 3)

Definition of coastal zone; Integrated approach to coastal zone management; coastal processes and impacts; management of coastal resources; impacts of development on coastal zones; development control in coastal areas; strategies for sustainable management of coastal areas. Information collection, decision making, management and monitoring of implementation of these strategies

CIVE 2216 - ENVIRONMENTAL ENGINEERING (L/P- 3.5)

Water Quality. Measurement of Water Characteristics. Water Quality Standards for Specific Purposes. Components of Water Demand. Unit Operations and Processes used in Water Treatment. Wastewater Characteristics. Environmental Impacts of Wastewater Discharge. Estimation of Wastewater Flows and Design of Wastewater Collection System.

CIVE 2216 - GIS FOR PLANNERS (L/P - 3.5)

The use of GIS to analyse spatial data in order to improve land use planning and the management of resources and services. Spatial analysis and urban modelling techniques. The concept of an advanced and integrated GIS that acts as a decision support tool for land use planning.

Decision making using GIS database – geostatistical analysis and mathematical modelling; spatial analysis and urban modelling techniques; application of GIS complex analysis in planning; multicriteria analysis and decision support

LAWS 2208 - INTRODUCTION TO LAND AND TOWN AND COUNTRY PLANNING LAW (L / P - 3)

Land law: Propriété, Possession, servitude. General principles of administrative law. Grounds of judicial review: illegality, irrationality and procedural impropriety.

law related to land use planning: Town and Country Planning Act, Business Facilitation Act; Compensation and Determination of claims, Penalty for contravention.

MGT 3117 - TOURISM AND LEISURE PLANNING (L / P - 3)

Analysis & application of national & regional planning policy to destination areas. Planning concepts, planning process: policies, objectives, goals, budgets, implementation. Principles of planning leisure & tourism programmes & the factors affecting their implementation & their functioning. Destination Management.

MGT2127 - PEOPLE AND ORGANISATIONS (L / P - 3)

The study of organisations, Organisation Structure and Design, managerial. Functions and Work, leadership, Motivation, Organisation Culture, Managing People, Organisation Behaviour.