

BSc (Hons) Town and Country Planning – E412 (Under Review)

1. Objectives

Planners administer a comprehensive system of controls on land use planning. As such, the aims of this course 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. General Entry Requirements

A pass in English Language at Cambridge School Certificate/O Level or equivalent **and**

Either (i) (a) Credits in five other subjects (School Certificate), together with at least two passes at Advanced Level (Higher School Certificate or General Certificate of Education); (Applicants having credit in English Language need to have credits in only four other subjects)

or (b) Passes in three other subjects at Advanced Level.

OR (ii) Qualifications awarded by other universities and institutions which have been approved by the Senate as satisfying the minimum requirements for admission.

OR (iii) The French Baccalauréat.

OR (iv) Relevant subjects/combinations of related subjects included in any Diploma of the University of Mauritius or in any technical qualifications, as may be approved by the Senate as being equivalent or comparable to an 'O' Level or 'A' Level may be accepted in lieu of corresponding subjects prescribed in (i) above.

OR (v) The IGCSE and the International Baccalaureate awarded by the International Baccalaureate Organisation, Switzerland.

NOTE (a) A pass at subsidiary standard at grades A, B or C in a Higher School Certificate will count as a credit at School Certificate/'O' Level, and a pass at Principal standard in a Higher School Certificate will count as a GCE pass at Advanced Level. A pass in General Paper at Subsidiary Level in the Higher School Certificate will be accepted in lieu of English Language at School Certificate/ 'O' Level.

(b) No subject shall be counted at both School Certificate/'O' Level and Higher School Certificate/ A Level or their equivalent.

(c) The Dean of a Faculty may require an applicant for admission to sit a special entrance examination including specific Foundation Course.

(d) Specific additional entrance requirements often apply. (See under Programme Requirements for individual programmes).

3. Programme Requirements

The Diploma in Town and Country Planning of the University of Mauritius or an equivalent qualification acceptable to the Department of Civil Engineering.

4. (I) Minimum Requirements For Degree Award

Law and Management	9
Departmental (core)	37
Departmental (electives)	3
TOTAL	49

- For award of the degree, all core modules prescribed (45.5 credits) by the department must be completed.

5. Programme Duration - 2 years Minimum and 4 years Maximum

6. Semester - 15 weeks (Excluding Examination Period)

7. Credits Per Semester - Minimum 9 credits
Maximum 24 credits

8. Minimum Credits Required For Degree Award - 49

9. Assessment

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

Written examinations of 2-hour duration and continuous assessment will count for **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.

10. Bsc (Hons) Town and Country Planning

LEVEL 1

SEMESTER 1 Core Modules				SEMESTER 2 Core Modules			
MGT2127	People and organisations	3+0	3	CIVE2208	Policy making & implementation	3+0	3
CIVE3108	Statistical analysis in planning	3+0	3	LAWS2208	Intro to land and town and country planning law	3+0	3
CIVE2108	Design awareness in planning	3+1	3.5	CIVE2216	Environmental Engineering	3+1	3.5
CIVE2207	Environmental Planning	3+0	3				

LEVEL 2

SEMESTER 1 Core Modules				SEMESTER 2 Core Modules			
CIVE3109	Development process	3+0	3	CIVE3209	Physical environment	3+0	3
MGT3117	Tourism and leisure planning	3+0	3	CIVE3224	Coastal Zone Management	3+0	3
CIVE3208	Community and society	3+0	3		Elective	3+0	3
CIVE3000	Degree project			CIVE3000	Degree project		6

Elective

CIVE3111	Transportation Engineering			3+0	3
CIVE3107	Integrated infrastructure planning and development (Part1)			3+0	3

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

Core Modules		Hrs/Wk	Credits
		L+P	
ENGINEERING			
CIVE2108	Design awareness in planning	3+1	3.5
CIVE2207	Environmental planning	3+0	3
CIVE2208	Policy making and implementation	3+0	3
CIVE3107	Integrated infrastructure planning and development (Part1)	3+0	3
CIVE3108	Statistical analysis in planning	3+0	3
CIVE3109	Development process	3+0	3
CIVE3000	Degree project	-	6
CIVE3208	Community and Society	3+0	3
CIVE3209	Physical Environment	3+0	3
CIVE3224	Coastal Zone Management	3+0	3
CIVE2216	Environmental Engineering	3+1	3.5
Law and Management			
LAWS2208	Introduction to Land and Town and Country Planning Law	3+0	3
MGT3117	Tourism and leisure planning	3+0	3
MGT2127	People and Organisations	3+0	3
Electives			
Engineering			
CIVE3111	Transportation Engineering	3+0	3
CIVE3107	Integrated infrastructure planning and development (Part1)	3+0	3

12. Outline Syllabus

CIVE2108 - DESIGN AWARENESS IN PLANNING (L / P – 3.5)

Illustration of planning and design processes involved. The subject will develop skills in analysis of land use planning and design ideas. Current urban design and theory. Analysis of urban form and design methods that respond to the economic, social and ecological context of urban design.

CIVE2207 - ENVIRONMENTAL PLANNING (L / P - 3)

It considers management and evaluation techniques used to understand, monitor and control environmental changes.

CIVE2208 - POLICY MAKING AND IMPLEMENTATION (L / P - 3)

The subject analyses the theories, practices and techniques applicable in the preparation of plans and policies. It also covers the implementation of these policies, decision-making, monitoring, evaluation and assessment, concepts of development management, practice of regulation and enforcement.

CIVE3000 - DEGREE PROJECT (P - 9)

Project in Town and Country Planning and other related areas

CIVE3107 - 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.

CIVE3108 - STATISTICAL ANALYSIS IN PLANNING (L / P - 3)

Statistics for planning: data sources, sampling, questionnaires, variables, frequency distributions, probability and sampling, binomial distribution, normal distribution, tests of significance, test hypothesis. To analyse data and to present the material effectively in graphic form

CIVE3109 - 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.

CIVE3208 - COMMUNITY AND SOCIETY (L / P - 3)

This module provides an overview of issues of community within the wider sphere of society. It considers the implications of such issues for planning and planners

CIVE3209 - PHYSICAL ENVIRONMENT (L / P - 3)

Geology of Mauritius, soil, hydrology, water resources, waste water management, solid waste management, urban water drainage

CIVE3111 - TRANSPORTATION ENGINEERING (L / P - 3)

Transport planning. Design for transportation infrastructure. Traffic control and management

CIVE3224 - COASTAL ZONE MANAGEMENT (L / P - 3)

Coastal processes and impacts. Management of coastal resources. Impacts of development on coastal zones. Development control in coastal areas.

CIVE2216 - 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.

LAWS2208 - INTRODUCTION TO LAND AND TOWN AND COUNTRY PLANNING LAW (L / P - 3)

Introduction to Law, Division of Law. Common Law/Civil Law. Source of law: the constitution, legislation, case law. Legal techniques: cases and the doctrine of binding precedent, statutory interpretation, the court system. Land law: Propriété, Possession, servitude.

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

Town and Country Planning Act: Town and Country Planning Board, Planning areas, Outline Schemes, Detailed Schemes, Compensation and Determination of claims, Penalty for contravention.

MGT3117 - 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.

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