



UNIVERSITY  
of  
TECHNOLOGY,  
MAURITIUS

# School of Sustainable Development and Tourism

## BSc (Hons) Sustainable Urban Planning

### PROGRAMME DOCUMENT

VERSION 2.0

*BSUP*

October 2021

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**University of Technology, Mauritius**

La Tour Koenig, Pointe aux Sables, Mauritius

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### A. PROGRAMME INFORMATION

This programme is designed to meet the growing needs of professionals in the field of urban planning whilst allowing the participants to explore some of the trivial issues facing today's and tomorrow's societies in relation to housing, climate change, sustainable development, infrastructure management with respect to planning in a more sustainable way. Although the programme is mostly geared towards planning and environment, it also provides for an interdisciplinary field of study which offers the participants with general skills in basic management, applied technology and relevant legal aspects. Alongside, students will also develop a broad understanding of the social, political and economic context within which urban planning decisions are made.

### B. PROGRAMME AIMS

This degree program aims at those working in the practice setting or those wishing to start their career in urban planning be it at the public or private sectors. Students will be provided with appropriate skills required to deal with the necessary know-how to preserve and promote sustainable planning both at the local and national level whilst also helping each local community. It also enables participants to identify and deal with the potential risk and difficulties associated to urban development whilst providing useful insights about environmental factors affecting planning.

### C. PROGRAMME OBJECTIVES

The program in Sustainable Urban Planning is planned to enable students to:

The programme develops the intellectual and analytical skills that professional urban planners need in the 21st century. Correspondingly, this course will enable students to:

- have a coherent understanding of urbanism and the built environment;
- combine a sound theoretical foundation with an awareness of practice in the field of planning;
- gain knowledge about the various roles and responsibilities of urban professionals in society;
- understand sustainability issues and adopt inter-disciplinary approaches;
- gain basic skills in management, applied technology and communication.

Develop learning skills in an interdisciplinary environment

- Experience breadth of disciplinary studies and intellectual processes
- Specialise in their chosen area of study.
- Understand the cross-cultural issues of interdisciplinary study and teams
- Develop the personal qualities and attitudes needed for professional success
- Identify and understand the fundamental values that inform critical issues and decision making

The degree will consist of general modules in the first and second year, and will subsequently offer specialised modules in either Sociology, Social Services or Criminology in the final year.

The programme also offers 3 exit points, enabling students to qualify for the award of a Certificate, a Diploma and a Degree respectively.

## **PART 1: REGULATIONS**

### **D. GENERAL ENTRY REQUIREMENTS**

As per UTM 'Admissions Regulations' and 'Admission to Programmes of Study at Degree Level'

### **E. PROGRAMME ENTRY REQUIREMENTS**

None

### **F. PROGRAMME MODE AND DURATION**

Full Time: Minimum 3 Years, Maximum 5 Years

Part Time: Minimum 4 Years, Maximum 7 Years

Each academic year includes two semesters.

### **G. TEACHING AND LEARNING STRATEGIES**

The programme will employ a wide variety of teaching methods. One Module will carry 150 hours of learning comprising of 45 contact hours of delivery which could be any combination of face to face, online and blended. The remaining 105 hours will cover Self Learning. Self-learning will be the key feature of the programme, enabling students to explore, investigate and research into the various topics, interact with practitioners, and work in teams on projects.

The University recognises the importance of practical experience and its value to employers consequently work Placement holds a significant place in the degree as it allows full-time students to obtain first-hand exposure before taking up employment after graduation. Part-time students will be required to submit a portfolio.

### **H. STUDENT SUPPORT AND GUIDANCE**

In addition to traditional lectures, group tutorials or individual tutorials are arranged for students.

### **I. ATTENDANCE REQUIREMENTS**

As per UTM Regulations and Policies

### **J. CREDIT SYSTEM**

This programme is aligned with the European Credit and Transfer System (ECTS)

All modules carry 6 credits as per the programme structure with the Work placement/Portfolio - 6 credits and Dissertation- 12 credits

The credit requirements for programme shall be equivalent to 180 credits and the Exit Points are as follows:

Certificate: 60 credits

Diploma: 120 credits

Degree : 180 credits

## K. STUDENT PROGRESS AND ASSESSMENT

For the award of the Degree, all modules must be passed in the examinations, coursework or other forms of assessment.

The programme will be assessed as follows:

1. Unless otherwise specified, all modules will consist of written examinations of 2 hours per module. The assessment weightage per examination-based module is 70% for written examinations and 30% for continuous assessment such as seminars, presentations, class tests and written assignments.

All modules are normally assessed over 100 marks, except for project/dissertation where it shall be as specified in the programme.

2. The module 'Essentials of Statistics' will be assessed through 50% coursework and 50% exams. The Coursework should include at least 2 class tests and a formal assignment.
3. The following modules will be assessed 100% coursework as follows:

- Social Research Methods will be assessed by project based assignment involving fieldwork, report and presentation.
- Full-time students will be assessed for the Professional Placement in Year 2 Semester 2 which will be conducted for a total of 360 hours. Working students will be assessed for Portfolio as per the portfolio guideline. Students must demonstrate that they have achieved the learning objectives specified as per the work-placement guidelines. The placement supervisor will be required to fill out a feedback appraisal form pertaining to student's performance during the placement.

## L. EVALUATION OF PERFORMANCE

### Grading

Overall Marks	Grade
$70 \leq X \leq 100$	A
$60 \leq X < 70$	B
$50 \leq X < 60$	C
$40 \leq X < 50$	D
$X < 40$	F
A-D	Pass
F	Fail

The percentage mark at Level 1 contributes a 20 % weighting towards the Degree classification.  
The percentage mark at Level 2 contributes a 30% weighting towards the Degree classification.  
The percentage mark at Level 3 contributes a 50% weighting towards the Degree classification.

## M. AWARD CLASSIFICATION

First Class with Honours	$CPA \geq 70$
Second Class First Division with Honours	$60 \leq CPA < 70$
Second Class Second Division with Honours	$50 \leq CPA < 60$
Third Class with Honours	$45 \leq CPA < 50$
Pass	$40 \leq CPA < 45$
No Award	$CPA < 40$

**N. PROGRAMME ORGANISATION AND MANAGEMENT**

**Programme Development Committee:**

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## PART II - PROGRAMME STRUCTURE

### O. BSc. (Hons) Sustainable Urban Planning – Full Time (Version 2.0)

YEAR 1							
Semester 1				Semester 2			
Code	Core Modules	Hrs/Wk L+ SL	Credits	Code	Core Modules	Hrs/Wk L+T	Credits
UPLN 1101B	Introduction to Urban Planning	3 + 7	6	SSDV 1102B	Principles of Sustainability	3 + 7	6
SCI 1401B	Earth and Ecological System	3 + 7	6	UPLN 1102B	Design Principles in Built Environment	3 + 7	6
SCI 1501B	Weather, Climate and Society	3 + 7	6	UPLN 1103B	Physical Infrastructure	3 + 7	6
COMM 1101B	Business Communication	3 + 7	6	UPLN 1401B	Introduction to Urban Sociology	3 + 7	6
STAT 1104B	Essentials of Statistics	3 + 7	6	OSHM 1216B	Environment and Health	3 + 7	6
→ Start of Level 1				Finish of Level 1 →			
YEAR 2							
Semester 1				Semester 2			
Code	Core Modules	Hrs/Wk L+SL	Credits	Code	Core Modules	Hrs/Wk L+SL	Credits
UPLN 1501B	Planning and Environmental Law	3 + 7	6	ENVT 2401B	Environmental Impact Assessment	3 + 7	6
UPLN 2104B	Public Infrastructure Management and Planning	3 + 7	6	UPLN 2201B	Urban Economics	3 + 7	6
ENVT 2116B	Environmental Planning	3 + 7	6	ENVT 2601B	Environmental GIS	3 + 7	6
UPLN 2106B	Property Development and Planning	3 + 7	6	WPL 2000B	Work Placement		6
UPLN 2107B	Traffic and transportation planning	3 + 7	6				
LSGP 2000B	Life skills and Good Practices	3 + 7	6				
→ Start of Level 2				Finish of Level 2 →			

<b>Semester 1</b>				<b>YEAR 3</b>				<b>Semester 2</b>			
<b>Code</b>	<b>Core Modules</b>	<b>Hrs/Wk L+SL</b>	<b>Credits</b>	<b>Code</b>	<b>Core Modules</b>	<b>Hrs/Wk L+SL</b>	<b>Credits</b>				
UPLN 3108B	Conservation of the Built Environment	3 + 7	6	UPLN 3302B	Urban Disaster Risk Management	3 + 7	6				
UPLN 2014B	Sustainable Urban Design and Development	3 + 7	6	ENVT 3201B	Waste Management	3 + 7	6				
ENVT 3119B	Urban Environmental Systems	3 + 7	6	OPS 3309B	Sustainable Quality Management System	3 + 7	6				
STAT 3307B	Research Methods for Environmental and Health Sciences	3 + 7	6	OPS 3205B	Project Management	3 + 7	6				
DISS 3000B	<b>Dissertation*</b>			DISS 3000B	<b>Dissertation*</b>		12				
→ <i>Start of Level 3</i>				<i>Finish of Level 3</i> →							

\* Dissertation starts Semester 1 of level 3 and credits will be earned at the end of Semester 2 of level 3

**P. BSc (Hons) Sustainable Urban Planning– Part Time (Version 2.0)**

YEAR 1							
Semester 1				Semester 2			
Code	Core Modules	Hrs/Wk L+SL	Credits	Code	Core Modules	Hrs/Wk L+SL	Credits
UPLN 1101B	Introduction to Urban Planning	3 + 7	6	STAT 1104B	Essentials of Statistics		6
SCI 1401B	Earth and Ecological System	3 + 7	6	SSDV 1102B	Principles of Sustainability	3 + 7	6
SCI 1501B	Weather, Climate and Society	3 + 7	6	UPLN 1102B	Design Principles in Built Environment	3 + 7	6
COMM 1101B	Business Communication	3 + 7	6				

→ Start of Level 1

YEAR 2							
Semester 1				Semester 2			
Code	Core Modules	Hrs/Wk L+SL	Credits	Code	Core Modules	Hrs/Wk L+SL	Credits
UPLN 1103B	Physical Infrastructure	3 + 7	6	UPLN 1501B	Planning and Environmental Law	3 + 7	6
UPLN 1401B	Introduction to Urban Sociology	3 + 7	6	UPLN 2104B	Public Infrastructure Management and Planning	3 + 7	6
OSHM 1216B	Environment and Health	3 + 7	6	ENVT 2116B	Environmental Planning	3 + 7	6
				UPLN 2106B	Property Development and Planning	3 + 7	6

Finish of Level 1 →

→ Start of Level 2

YEAR 3							
Semester 1				Semester 2			
Code	Core Modules	Hrs/Wk L+SL	Credits	Code	Core Modules	Hrs/Wk L+SL	Credits
UPLN 2107B	Traffic and transportation planning	3 + 7	6	UPLN 2201B	Urban Economics	3 + 7	6
LSGP 2000B	Life skills and Good Practices	3 + 7	6	ENVT 2601B	Environmental GIS	3 + 7	6
ENVT 2401B	Environmental Impact Assessment	3 + 7	6	PORT 200B	Potfolio		6

Finish of Level 2 →

YEAR 4							
Semester 1				Semester 2			



<b>Code</b>	<b>Core Modules</b>	<b>Hrs/Wk L+SL</b>	<b>Credits</b>	<b>Code</b>	<b>Core Modules</b>	<b>Hrs/Wk L+SL</b>	<b>Credits</b>
UPLN 3108B	Conservation of the Built Environment	3 + 7	6	UPLN 3302B	Urban Disaster Risk Management	3 + 7	6
UPLN 2014B	Sustainable Urban Design and Development	3 + 7	6	ENVT 3201B	Waste Management	3 + 7	6
ENVT 3119B	Urban Environmental Systems	3 + 7	6	OPS 3309B	Sustainable Quality Management System	3 + 7	6
STAT 3307B	Research Methods for Environmental and Health Sciences	3 + 7	6	OPS 3205B	Project Management	3 + 7	6
DISS 3000B	<b>Dissertation*</b>			DISS 3000B	<b>Dissertation*</b>		12
→ <i>Start of Level 3</i>				<i>Finish of Level 3</i> →			

\* Dissertation starts Semester 1 of level 3 and credits will be earned at the end of Semester 2 of level 3

**TOTAL NUMBER OF CREDITS: 180**