MSc Sustainable Built Environment – E505 (Subject to Approval)

1. Aim and Objectives

A sustainable built environment is expected to be sustainable, healthy, technologically aware, meet the needs of occupants and business, with due regard to the environment.

The aim of this Programme is to provide engineers and architects with basic tools to plan and design a sustainable built environment. Successful completion will be demonstrated through the ability to:

a) understand the concept of sustainable built environment, identify requirements;
b) generate ideas in order to plan and implement sustainable built environments;
c) plan and control all necessary activities and resources to ensure proper operation;
d) communicate and work effectively with people to a good professional standard.

2. General Entry Requirements

Successful completion of an undergraduate degree with

- at least a Second Class or 50%, whichever is applicable or
- a GPA not less than 2.5 out of 4 or equivalent, from a recognised higher education institution

OR alternative qualifications acceptable to the University of Mauritius

3. Programme Requirements

Preference will be given to candidates having at least two years of relevant work experience, mainly in the architectural or engineering field.

4. General and Programme Requirements – Special Cases

The following may be deemed to have satisfied the General and Programme requirements for admission:

(i) Applicants who do not satisfy any of the requirements as per Regulations 2 and 3 above but who submit satisfactory evidence of having passed examinations which are deemed by the Senate to be equivalent to any of those listed.

(ii) Applicants who do not satisfy any of the requirements as per Regulations 2 and 3 above but who in the opinion of Senate submit satisfactory evidence of the capacity and attainments requisite to enable them to pursue the programme proposed.

(iii) Applicants who hold a full practising professional qualification obtained by examination.

5. Programme Duration

The Programme will be offered on a part-time basis. The duration of the Graduate Programme should normally not exceed 4 years (8 semesters).

	Normal	**Maximum**
Master's Degree:	4 Semesters	8 Semesters
Postgraduate Diploma:	4 Semesters	8 Semesters

6. Credits per Semester: Minimum 3 credits subject to Regulation 5.

7. Minimum Credits Required for the Award of:

Master's Degree: 36
Postgraduate Diploma: 24

Breakdown as follows:

	Core Taught Modules (Minimum)	Project	Electives/ Optional Modules
Master's Degree:	18 credits	9 credits	9 credits
Postgraduate Diploma:	18 credits		6 credits

8. Assessment

Each module will carry 100 marks and will be assessed as follows (unless otherwise specified):

Written examination of 3-hour duration and continuous assessment of 10% to 30% of total marks.

Continuous assessment can be based on laboratory work, assignments and/or 1 class test.

For a student to pass a module, a minimum of 30% should be attained in both of Continuous Assessment and Written Examination separately, with an overall total of a minimum of 40% in that module.

All modules carry equal weighting.

The Project carries 9 credits.

Submission Deadlines for Dissertation:

First Draft: End of July of Final Year.
Final Copy: Last working day of August of Final Year.

9. Plan of Study

Students are required to submit at the end of Semester 1 a Plan of Study for their whole Programme of Studies, indicating the list of elective modules and in which semester each of them will be taken.

The University reserves the right not to offer a given elective module if the critical number of students is not attained and/or for reasons of resource constraints.

10. Important Note

The rules as stipulated in this Programme Structure and Outline Syllabus will replace all other rules and regulations found in previous Programme Structures.

11. List of Modules

CORE MODULES

Code	Module	Hrs/Wk L+P	Credits
CIVE 6402	Integrated Infrastructure Planning and Development	3+0	3
CIVE	Environmental Design and Engineering	3+0	3
CIVE	Sustainable Design, Construction and Operation	3+0	3
CIVE	Renewable Energy	3+0	3
CIVE 6102	Environmental Management I	3+0	3
CIVE	Engineering Intelligence into Buildings	3+0	3
CIVE 5005	Architectural Planning	3+0	3

PROJECT

ENGG 6000	Research Project	-	9

ELECTIVES

CIVE	Facilities Management	3+0	3
ENGG 6410	Asset Management	3+0	3
CIVE	Transport Systems	3+0	3
CIVE	Project Economics and Finance	3+0	3