Sustainable Urban Design: the evaluation and reflective development of sustainable communities

Module Information

2022.01, Approved

Summary Information

Module Code	7022MAU
Formal Module Title	Sustainable Urban Design: the evaluation and reflective development of sustainable communities
Owning School	Liverpool School of Art & Design
Career	Postgraduate Taught
Credits	30
Academic level	FHEQ Level 7
Grading Schema	50

Teaching Responsibility

LJMU Schools involved in Delivery
Liverpool School of Art & Design

Learning Methods

Learning Method Type	Hours
Lecture	4
Seminar	6
Tutorial	18

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-MTP	MTP	January	12 Weeks

Aims and Outcomes

Aims	To provide students with an understanding of sustainable design principles and objectives, and why they matter.To explore a range of contemporary best-practice case studies of sustainable urban design in an international context. To provide students with an understanding of a range of evaluative tools that support the conceptual and critical evaluation of sustainable urban design. To apply the principles learned in project work to explore urban design sustainability benchmarks and audit methodologies. To utilise these tools to enable students to understand and evaluate the environmental impact and ecology of urban design proposals. To enable students to reflectively develop urban design proposals in ways that enhances their environmental sustainability.

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Integrate knowledge of sustainable design principles in the design and analysis of urban projects.
MLO2	2	Utilise specialist knowledge and skills to evaluate the sustainable practice of urban design.
MLO3	3	Synthesise the acquired knowledge and skills in associated design project work.

Module Content

Outline Syllabus	Lectures will explore the subject area in terms of the overarching imperatives that drive the need for more sustainable design and the significance of environmental design approaches, examples of best practice across an international context, and sustainable evaluation methods for urban design projects. Seminars will demonstrate the application of these practical evaluative methods and procedures. Tutorials and seminars in the form of design reviews will facilitate the honing of appropriate skills and abilities that will enable students to complete the associated project work, utilising the BREEAM Communities assessment method or similar evaluation tools.
Module Overview	This module provides students with an understanding of sustainable design principles and objectives, and why they matter. You will explore a range of contemporary best-practice case studies of sustainable urban design in an international context.
Additional Information	Welcome to the Sustainable Urban Design module. The module commences with a series of lectures that explore sustainable design principles and objectives (and why they matter), examples of best practice in urban design sustainability across an international context, and evaluation methods for analysing the environmental sustainability of urban design projects. Students will then utilise this understanding and skills to evaluate the environmental sustainability of an urban design proposal, and then reflect on ways in which the degree of environmental sustainability can be enhanced.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Report	100	0	MLO1, MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings

| Simon Tucker | Yes | N/A |

Partner Module Team

Contact Name	Applies to all offerings	Offerings