

Liverpool John Moores University

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Title: Sustainable Urban Design: The evaluation and reflective development of sustainable communities
Status: Definitive
Code: **7022MAU** (129247)
Version Start Date: 01-08-2021

Owning School/Faculty: Liverpool School of Art & Design
Teaching School/Faculty: Liverpool School of Art & Design

Team	Leader
Simon Tucker	Y
Charles Smith	
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Academic Level: FHEQ7 **Credit Value:** 30 **Total Delivered Hours:** 28

Total Learning Hours: 300 **Private Study:** 272

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	4
Seminar	6
Tutorial	18

Grading Basis: 50 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Practical Project Work: Sustainable Design Proposals and BREEAM Communities assessment.	100	

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.

Learning Outcomes

After completing the module the student should be able to:

- 1 Integrate knowledge of sustainable design principles in the design and analysis of urban projects.
- 2 Utilise specialist knowledge and skills to evaluate the sustainable practice of urban design.
- 3 Synthesise the acquired knowledge and skills in associated design project work.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Report	1	2	3
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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.

Learning Activities

Teaching is predominantly through a series of lectures, seminar discussions, tutorials, and seminars in the form of design reviews. Learning is consolidated in the form of a report submission, in which students critically evaluate the environmental sustainability of an urban design project, and then reflect on and propose the means through which the design project could be developed to enhance its environmental sustainability

Notes

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.