

#### Summary Information

Module Code	7504CATSCI
Formal Module Title	Cities and Communities
Owning School	Biological and Environmental Sciences
Career	Postgraduate Taught
Credits	15
Academic level	FHEQ Level 7
Grading Schema	50

#### Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

#### Partner Teaching Institution

Institution Name
Centre for Alternative Technology

#### Learning Methods

Learning Method Type	Hours
Lecture	10
Seminar	10
Workshop	10

#### Module Offering(s)

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

## Aims and Outcomes

Aims	<p>a) Develop an overview of current research and discourse concerning transformational strategies and planning for just and sustainable cities and communities, understood in relation to current and future ecological and environmental contexts. b) Gain a critical understanding of key elements, infrastructures, maintenance issues, energy budgets, material flows, waste disposal, transportation and social systems that underlie the distribution and governance of energy and material in and through cities. c) Critically assess the systematic factors that influence the development of environmental, political, economic and policy strategies. d) Critically apply practical and/or theoretical understandings of change, transformational adaptation, and the built environment in formative peer-to-peer settings and place-based contexts.</p>
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Demonstrate a critical and interdisciplinary understanding of the development of sustainable communities and cities within the context of the need for transformational system change.
MLO2	2	Identify some of the influences and interconnectedness of political, social, ecological, and economic systems on flows of energy, material, people, and knowledge through urban-rural systems.
MLO3	3	Critically evaluate and apply theories and interdisciplinary practice to the emergence of sustainable urban futures that accommodate the built environment and urban-rural ecologies.
MLO4	4	Effectively communicate complex ideas to a wider audience.

## Module Content

Outline Syllabus	<p>The module will introduce students to the complexities of cities and communities and their local – global interconnections, and how these conditions interact with the task to transform, reclaim, and reproduce the city and built environment amid global environmental change. Workshops and a formative presentation help students explore and discuss real spaces. Students will build on multiple and interdisciplinary thinking in relation to:</p> <ul style="list-style-type: none"> <li>• Productions of urban and community spaces and places in the Anthropocene.</li> <li>• Climate and ecological breakdown, cities, and their interconnections at different spatial levels.</li> <li>• Interdisciplinary approaches to transformation in cities and communities.</li> <li>• Environmental and climate justice and injustice in urban settings.</li> <li>• Urban specific design, planning, and processes of transformation and regeneration in the built environment.</li> <li>• Social, political, ecological, and cultural implications of sustainability transitions and transformations of space and infrastructures.</li> <li>• Community based and grassroots initiatives.</li> <li>• Understanding the role of urban resistances, reclamations, and reproductions of space that challenge unsustainable and unjust systems and practices.</li> </ul>
Module Overview	
Additional Information	This module is available to be studied on-site or at distance.

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Report on local case study	100	0	MLO1, MLO2, MLO3, MLO4

## Module Contacts

### Module Leader

Contact Name	Applies to all offerings	Offerings
Colm Bowe	Yes	N/A

### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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