

Module Information

2022.01, Approved

Summary Information

Module Code	7502LBSHFT
Formal Module Title	Smart Solutions and Information modelling
Owning School	Leadership and Organisational Development
Career	Postgraduate Taught
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
Hochschule für Technik Stuttgart

Learning Methods

Learning Method Type	Hours
Lecture	60

Module Offering(s)

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

SEP_NS-PAR	PAR	September (Non-standard start date)	12 Weeks
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Aims and Outcomes

Aims	To enable students to make a professional contribution and apply leadership and management skills, knowledge and theory to operate as an effective leader within the Smart City context.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Have a critical understanding of 'Smart Approach' by understanding the global climate conditions and changes influencing current and future living.
MLO2	2	Critically consider the impact of demographic movements on Smart City development, parameters of the Smart City approaches and solutions including those from best practice examples.
MLO3	3	Collect, analyse and develop data to provide a Smart City solutions to a given situation.

Module Content

Outline Syllabus	Understand the 'Smart Approach' and how global climate conditions and changes influence living conditions, conceive how global and local development activity and inactivity impact the global climate. Explore the impact of demographic movement within cities/regions and the Smart City approach for future urban development recognising national and international conditions, specific situations, potential solutions, best practice and research.
Module Overview	
Additional Information	This module provides students with the opportunity to explore the macro and micro application of Smart City Solutions to space development and climate impact by introducing the basics of climate science, drivers of climate change, and consequences on regions and cities

Assessments

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

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Azar Shahgholian	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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