

Module Information

2022.01, Approved

Summary Information

Module Code	7503LBSHFT
Formal Module Title	Smart Resources, Resilience and Sustainable Finance
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, 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	Evaluate the relevance of financial markets and institution for finding adequate and innovative smart city financing solutions
MLO2	2	Critically consider how technological disruptions like digitisation and artificial intelligence provide significant challenges as well as major opportunities for innovative financing solutions for smart cities.
MLO3	3	Analyse potential and existing environmental threats with consideration of how waste can be avoided and utilised as a valuable resource.

Module Content

Outline Syllabus	Water Management ; Pollution prevention and recovery ; Identification of environmental threats and resilience strategies & measures ; Financial Markets & Institutions ; Sustainable Finance ; Infrastructure & Project Finance ;Digitisation and financial Innovation
Module Overview	
Additional Information	This module provides students with the opportunity to explore financial consideration within a smart city context. It also provides students with the opportunity to consider and explore the environmental resource and waste and how these can be utilised within smart city solutions.

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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