

Module Details	
Module Title	Diversity, Scale and Development
Module Code	OIM7021-A
Academic Year	2024/5
Credits	10
School	School of Management
FHEQ Level	FHEQ Level 7

Contact Hours	
Type	Hours
Directed Study	50
Interactive Learning Objects	2
Groupwork	25
Independent Study	10
Online Lecture (Synchronous)	13

Availability	
Occurrence	Location / Period
DLA	University of Bradford / Semester 2

Module Aims
<p>This module is designed to develop a Holistic Understanding of Systems: Participants will delve into the intricate web of ecological and socio-technical systems. We'll explore how diversity-whether in species, ideas, or organizational structures-fuels resilience and adaptability. By understanding the interplay of scale and diversity, participants gain insights into system dynamics, tipping points, and emergent behaviour. Beyond theory, this module equips professionals with actionable tools. Participants will learn to apply these principles in real-world scenarios, whether optimizing supply chains, fostering innovation, or navigating global markets. Our goal is to empower leaders who can drive sustainable growth while embracing the complexity of interconnected systems.</p>

Outline Syllabus

Transitions and Adaptation in Systems: Understanding transitions within living and socio-ecological systems. Exploring resilience and adaptability. Case studies on system responses to environmental changes.

Complexity, Time, and Scale: Unpacking complexity in ecological and socio-economic contexts. Temporal considerations: How time influences system behaviour. Scaling laws and their implications.

Socio-Economic Systems at Different Scales: Local-scale dynamics and their significance. Regional and global perspectives on development. Linking scale to resource utilization and growth.

Theories of Development and Alternative Pathways: Classical and contemporary development theories. Examining natural resource dependencies. Identifying sustainable alternatives to traditional development models.

Circular Economy and Sustainable Development: Integrating circular economy principles into development strategies. Assessing circular practices' impact on economic growth and social well-being. Circular approaches to resource management.

Cities and Circular Economy: Circular strategies for urban contexts. Circular waste management, energy systems, and innovation. Case studies of circular cities.

Measuring Growth and Welfare: Beyond GDP: Alternative metrics for well-being. Balancing economic growth with quality of life. Quantifying circular contributions to welfare.

Regulation, Labour, and Circular Economy: Regulatory frameworks in a circular context. Labour markets and job creation. Circular practices' implications for wages and employment.

Diversity and Resilience in Financial Systems: Analysing diversity within financial institutions. Resilience of monetary systems. Financial stability and risk management.

Learning Outcomes

Outcome Number	Description
01	Demonstrate an understanding of how diversity, scale, and development impact ecological and socio-technical systems
02	Apply core principles of diversity, scale, and resilience to real-world business scenarios.
03	Demonstrate ability to analyse complex situations and make decisions considering diverse perspectives and system implications.
04	Demonstrate reflective practice and learning based on self-awareness and feedback.

Learning, Teaching and Assessment Strategy

Learning will be directed, supported, and reinforced through a combination of online lectures, groupwork activities, presentations, online activities, as well as through personal research and directed and self-directed study. These activities will all be further supported through online engagement and the virtual learning environment.

Directed study will specifically make use of cases studies and videos, with interaction being maintained through on-line discussion boards and formative activities. The students will also be directed to further on-line activities and resources from the virtual learning environment.

To gain a firm understanding of the subject area and the key issues (as outlined in the syllabus) students will be required to access and engage with a variety of online resources (selected readings and video resources) a designated reading list and Canvas guide that sets out guided reading, self-assessment exercises, case studies and links to additional resources. Students will also engage in a group simulation, promoting team-based learning and reflection.

The interactive, student-led approach will allow students to reflect on their learning further applying key academic and practitioner-based frameworks thereby gaining a critical understanding.

The team-based learning acquired through the group simulation activities is assessed as an individual reflective peer and self-assessment on the group decision making process, the role of diversity and context in that and the application of theory to practice.

Mode of Assessment

Type	Method	Description	Weighting
Summative	Presentation	Group Presentation (20 mins)	100%

Reading List

To access the reading list for this module, please visit <https://bradford.rl.talis.com/index.html>

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.