

<b>Module Details</b>	
<b>Module Title:</b>	Circular Economy Core Principle and Concepts (DL)
<b>Module Code:</b>	OIM7018-B
<b>Academic Year:</b>	2019-20
<b>Credit Rating:</b>	20
<b>School:</b>	School of Management
<b>Subject Area:</b>	Operations and Information Management
<b>FHEQ Level:</b>	FHEQ Level 7 (Masters)
<b>Pre-requisites:</b>	
<b>Co-requisites:</b>	

<b>Contact Hours</b>	
<b>Type</b>	<b>Hours</b>
Lectures	184
Tutorials	16

<b>Availability</b>	
<b>Occurrence</b>	<b>Location / Period</b>
DLA	University of Bradford / Non-Standard Academic Year (Jan - Sept)

<b>Module Aims</b>
To develop understanding of the core concepts and principles of 'circular economy' including in relation to your professional roles and forward career plans. To provide you with an opportunity to use and apply circular economy concepts, systems thinking, constructs and framework, in support of business problem appraisal and decision making.

<b>Outline Syllabus</b>
<p>Circular Economy, historical origins, overall principles and concepts:            Systems thinking: Complexity, feedback, Systems optimisation Tipping points, and Unintended consequences.            Language and framing            Natural and living systems, Biomimicry            Biological and technical nutrients and Cradle to cradle</p>

Waste as feedstock  
 Energy and renewables  
 The role of money, finance and regulation in a circular economy  
 Product-service design ethos,  
 Performance and service, Innovation and enterprise

### Learning Outcomes

1	<p>LO1 Review and evaluate key concepts, principles and issues and circular economy thinking and action</p> <p>LO2 Determine the significance of factors such as regulations and standards affecting the take up of circular economy principles in a range of settings</p> <p>LO3 Review and evaluate patterns of thought and conditioning underpinning linear vs complexity</p> <p>LO4 Specify key elements of systems and feedback loops with specific reference to ecological systems</p> <p>LO5 Evaluate the differences and implications of systems vs non-systems based approaches</p>
2	<p>LO7 Critically appraise a circular economy case study and assess its potential translation into a new or different setting</p> <p>Review and redesign a system based on principles of circularity versus a linear based approach</p> <p>LO9 Appraise a business problem or scenario from a system optimisation or a balancing design strategy</p>
3	<p>LO10 Assemble, co-ordinate and review complex stakeholder, legal, financial and technical information and be able to form sound and reasoned judgements in light of uncertainty, risk and opportunity creation</p> <p>LO11 Communicate clearly the key principles of the circular economy in a written format</p> <p>LO12 Generate a report to communicate clear findings from a circular economy case-study investigation</p>

### Learning, Teaching and Assessment Strategy

You will engage in learning through a series of directed study activities and online tutorials. Study guide and text book readings, supported by audio recordings and powerpoint slides will introduce important concepts.

Structured tutorial exercises will provide you with the opportunity to develop your understanding of key concepts and ideas.

Online tutorial sessions will enable you to engage in debate with your peers and tutor about important ideas and contemporary business problems.

Assessment will be by two assignments. One focused on knowledge and understanding and one on subject specific and personal transferable skills.

### Mode of Assessment

Type	Method	Description	Length	Weighting
Summative	Coursework	Individual written assignment (up to		50%

		2000 words)		
Summative	Coursework	Individual written assignment (up to 2000 words)		50%

### 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.*