

<b>Module code</b>	BUS515	<b>Level</b>	5
<b>Module title</b>	Sustainable Operations	<b>Credit value</b>	20
<b>Common/Core/ Elective</b>	Core	<b>ECTS Credits</b>	10
		<b>Notional learning hours</b>	200
<b>Courses on which the module is taught</b>	BA (Hons) Business and Entrepreneurship BA (Hons) Business and Management BA (Hons) Business and Finance BA (Hons) Business and Marketing BA (Hons) Business and Luxury Brand Management BA (Hons) Business and Sustainability BA (Hons) International Business BSc (Hons) Business, Technology and Entrepreneurship	<b>Teaching Period</b>	Autumn

## 1. Module description

In resource-based businesses, strategic advantage is often underpinned by strong business operations and supply chains, which enable us to leverage information and technology to competitively manage customer service, costs and cash to maximise value.

Sustainable operations today relates to the responsible management of all people, resources and processes (including their indirect impacts) that create, supply and renew the services and products of an organisation or function.

This module emphasises the core theme of sustainability, which addresses the economic, social, and environmental aspects of operations over time, as well as the role of advancing systems technology. As such, the module will empower you to examine and apply heuristics and systems thinking to the strategic development of the operations of a business you choose. It will equip you with the skills to practically progress operations through analysis and reflection of information that supports socially, environmentally and economically sustainable decisions.

## 2. Learning outcomes

### Decision-making (MLO 04)

Analyse and reflect on different ideas, including your own, to inform decision making regarding business operations and supply chains, when viewed through sustainability and information technology lenses.

### Discipline Knowledge (MLO 07)

Examine and apply theories, concepts and facts in logistics, sustainability and business performance relevant to the strategic development of business operations and supply chains.

### Discipline Skills (MLO 08)

Employ logistics, sustainability and information technology knowledge, techniques and tools and qualitative methodological strategies for the practical progression of business operations and supply chains.

### Human and environmental Impact (MLO 10)

Analyse the impact of business operations and supply chains on people and on the environment.

### 3. Learning and teaching methods

Using a combination of teaching and learning methods such as: structured weekly knowledge-based exercises, hands on interactive seminar and workshop sessions, and research activities you will engage in an inclusive learning experience. This will develop your research, analysis and reflection skills in the context of the key multidisciplinary concepts associated with Sustainability impacts, Business operations and Research Methodologies. You will also learn how to apply them to decision making and strategy development within contemporary situations.

Learning hours	
Directed learning	48 hours
Workshops/ classes	48
Guided/Self-guided learning	152 hours
Total	200

### 4. Assessment, formative feedback and relative weightings

#### Assessment 1: Journal

**Weight (%):** 40%

**Word Count or Equivalent:** 600 words

Images of two created mind map journals that respectively cover the key concepts of sustainability and supply chain operations as explored in the foundation principles stage of the module. Each mind map journal image should be accompanied by a 600 word reflection on how one or more concepts described in that mind map could influence decision making within an organisation and the human impact that this might have.

#### Assessment 2: Report

**Weight (%):** 60%

**Word Count or Equivalent:** 2500 words

For a chosen business you will develop a Research Plan for identifying the root causes of a 'Material' Triple Bottom Line issue within its Supply Chain Operations.

Each summative assessment will be preceded by an opportunity of formative assessment accompanied by formative feedback.

Mapping of assessment tasks for the module				
Assessment tasks	LO4	LO7	LO8	LO10
Journal	x	x		x
Report	x	x	x	x

## 5. Indicative resources

- Buzan, T., Buzan, B. (1993). The mind map book, full colour illustrated edition. Essex, England: Pearson Education Group.
- Steffen, W. et al. (2015) Planetary boundaries: Guiding human development on a changing planet. <https://doi.org/10.1126/science.1259855>
- United Nations (2020) The Sustainable Development Goals Report. <https://unstats.un.org/sdgs/report/2020/The-Sustainable-Development-Goals-Report-2020.pdf>
- IPCC (2021) Sixth Assessment Report of the Intergovernmental Panel on Climate Change. <https://www.ipcc.ch/report/ar6/wg1/#SPM>.
- WWF (2020) Living Planet Report 2020. <https://livingplanet.panda.org/en-gb/>
- United Nations (1948) Universal Declaration of Human Rights. <https://www.un.org/en/about-us/universal-declaration-of-human-rights>
- Meadows, D. (1999) Leverage Points: Places to Intervene in a System. <https://donellameadows.org/archives/leverage-points-places-to-intervene-in-a-system>
- Forum for the Future (n.d.) The Five Capitals - a framework for sustainability. <https://www.forumforthefuture.org/the-five-capitals>
- Collis, J., & Hussey, R. (2021). *Business Research: A practical guide for students*. London: Bloomsbury Publishing.
- Bryman et al (2022) Business Research Methods Sixth Edition Routledge
- Hugos M (2018) Essentials of Supply Chain Management, 4th Edition Wiley
- Chopra S (2021) Supply Chain Management: Strategy, Planning, and Operation, 7th edition Pearson.
- Lei L et al (2017) Managing Supply Chain Operations World Scientific
- Sarkar S (2017) The Supply Chain Revolution: Innovative Sourcing and Logistics for a Fiercely Competitive World Amacom