

Sustainable Supply Chains – Full Module Guide (Level 5)

Module Overview

This module explores sustainability within supply chains, focusing on environmental, social, and economic impacts. Students will develop critical analytical skills to evaluate and design sustainable supply chain strategies, including circular economy and net zero approaches.

Weekly Schedule

Week 1: Introduction to Sustainability: Concepts of sustainability and supply chains; global challenges

Week 2: Sustainability Issues: Environmental and social impacts; carbon footprint

Week 3: Sustainable Procurement: Ethical sourcing and supplier selection

Week 4: Sustainable Logistics: Transport, warehousing, emissions reduction

Week 5: Product Design: Cleaner production, packaging strategies

Week 6: Circular Economy: Closed-loop systems and lifecycle thinking

Week 7: Reverse Logistics: Recycling, reuse, waste management

Week 8: Risk & Resilience: Supply chain disruptions and CSR

Week 9: Decarbonisation: Net zero strategies and policies

Week 10: Integration: Sustainable supply chain strategies

Week 11: Case Studies: Industry applications

Week 12: Revision: Assessment guidance and review

Indicative Weekly Reading Tasks

Students are expected to engage with core textbooks and additional articles each week.

Suggested activities:

- Read assigned chapters before lectures
- Summarise key concepts
- Critically evaluate case studies
- Prepare discussion points

Assessment

Coursework: 2000-word report (100%)

Assessment Rubric

First Class (70%+): Excellent critical analysis, strong use of literature, clear argument, originality.

Upper Second (60-69%): Good analysis, relevant literature, coherent argument.

Lower Second (50-59%): Adequate understanding, limited critical analysis.

Third (40-49%): Basic description, weak argument.

Fail (<40%): Poor understanding, insufficient content.

Study Expectations

Students should complete 100 hours of study, including independent reading, preparation, and coursework development.