IB9JX-15 Sustainability and Innovation

26/27

Department
Warwick Business School
Level
Taught Postgraduate Level
Module leader
Mel Hua
Credit value
15
Module duration
10 weeks
Assessment
100% coursework
Study location
University of Warwick main campus, Coventry

Description

Introductory description

The most pressing challenge we face collectively today is what the United Nations has termed the "triple planetary crisis" - climate change, pollution, and biodiversity loss. To combat these inter-related issues, there has been a growing emphasis on new theoretical and practical approaches to our current processes of production and consumption. These new pathways to sustainability often require a re-imagining of business-as-usual and questioning our assumptions of what is valuable.

Module web page

Module aims

This module covers a range of perspectives and topics in sustainability, adopting an innovation lens to understand challenges and opportunities as well as reflecting on digital technologies as key enablers of sustainability. Using case studies and interactive exercises, this module prioritizes a balance of research and practice, addressing both key conceptual developments in the field and practical insights into how organisations are tackling sustainability challenges.

Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be

covered. Actual sessions held may differ.

This is only an illustrative syllabus that outlines key themes as topics are likely to change in this field
Principles of Sustainability
Definitions and conceptualizations; contextualize role of key stakeholders and evolution of the sustainability movement
Cornerstone Issues and Debates
Locus of innovation, economic growth and the environment, the role of business, corporate responsbility; purposive leadership; stakeholder v shareholder governance; Net-Zero; emissions and carbon metrics
Technology and Innovation
Innovation and systems change perspectives, sustainability transitions, circular economy, design thinking approaches, business model innovations, digitial technology, 'deep' technology

Learning outcomes

By the end of the module, students should be able to:

- Demonstrate an understanding of key topics in the area of sustainability
- Demonstrate an understanding of the role of innovation and technology in sustainability
- Develop analytical and critical thinking skills to evaluate a complex, fast-moving topic
- Develop ability to engage in self-directed learning and independent thinking

Indicative reading list

Reading lists can be found in Talis

Subject specific skills

Analyse the role and impact of innovation and technology in organisations

Transferable skills

Demonstrate ability to think independently and critically about issues
Written communicate

Study

Study time

Type	Required
Lectures	(0%)
Total	150 hours

Type	Required
Seminars	(0%)
Practical classes	9 sessions of 2 hours (12%)
Online learning (scheduled sessions)	10 sessions of 1 hour (7%)
Private study	50 hours (33%)
Assessment	72 hours (48%)
Total	150 hours

Private study description

Private study including preparation for lectures

Costs

No further costs have been identified for this module.

Assessment

You do not need to pass all assessment components to pass the module.

Assessment group A2

Assessment component	Weighting	Study time	Eligible for self-certification
Individual assignment	100%	72 hours	Yes (extension)

Reassessment component is the same

Feedback on assessment

via my.wbs

Availability

Courses

This module is Core for:

- Year 1 of TIBS-G5N4 Postgraduate Taught Management of Information Systems and Digital Innovation