



## MODULE SPECIFICATION

Part 1: Information			
Module Title	Sustainable Business and Computing		
Module Code	UFCFLM-15-3	Level	Level 6
For implementation from	2020-21		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Faculty of Environment & Technology	Field	Computer Science and Creative Technologies
Department	FET Dept of Computer Sci & Creative Tech		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p><b>Educational Aims:</b> This module will give you an introduction to how businesses can be sustainable – economically, environmentally and socially.</p> <p>You will learn about how computing can have damaging impacts on sustainability.</p> <p>You will explore some of the ways in which Information and Communications Technology (ICT) can deliver significant sustainability benefits.</p> <p>The module will make significant use of the United Nations Sustainable Development Goals (sometimes called the Global Goals) as a way to structure our thinking about Business, Computing and the ways in which we can address the needs of the world and our local communities.</p> <p><b>Outline Syllabus:</b> CSR reporting – GRI 1xx  Economic – GRI 2xx, economic performance, anti-corruption  Environmental – GRI 3xx, materials, emissions  Social – GRI 4xx, forced labour, supplier social assessment, marketing and labelling.  Green IT  IT for Sustainability</p>

## STUDENT AND ACADEMIC SERVICES

**Teaching and Learning Methods:** The module will be delivered through weekly lectures in the first semester, each covering key topics towards the learning objectives. The module will use Blackboard to publish teaching materials. Independent learning time is expected to be used by students to master the concepts and for assignment preparation, both formative and summative.

### Part 3: Assessment

A defended poster exploring how business and computing are contributing to the achievement of one of the Sustainable Development Goals (Component A)

A 2000 word report elaborating on the poster topic (Component B).

Students will be offered the opportunity to practice a defended poster presentation as a formative assessment on a topic relating to Corporate Social Responsibility reporting.

First Sit Components	Final Assessment	Element weighting	Description
Report - Component B	✓	50 %	Individual 2000 word report
Poster - Component A		50 %	Individual defended poster presentation (15 mins)
Resit Components	Final Assessment	Element weighting	Description
Report - Component B	✓	50 %	Individual 2000 word report
Poster - Component A		50 %	Individual defended poster presentation (15 mins)

### Part 4: Teaching and Learning Methods

Learning Outcomes	On successful completion of this module students will achieve the following learning outcomes:	
	<b>Module Learning Outcomes</b>	<b>Reference</b>
	Demonstrate a detailed knowledge and understanding of the concepts and competing definitions of a sustainable business	MO1
	Evaluate companies' sustainability using the Global Reporting Initiative framework	MO2
	Analyse the negative impacts of ICT on sustainability	MO3
	Discuss in detail case examples of the role of ICT in delivering sustainability benefits	MO4
Contact Hours	<b>Independent Study Hours:</b>	
	Independent study/self-guided study	114
	<b>Total Independent Study Hours:</b>	114
	<b>Scheduled Learning and Teaching Hours:</b>	

## STUDENT AND ACADEMIC SERVICES

	Face-to-face learning	36
	<b>Total Scheduled Learning and Teaching Hours:</b>	36
	<b>Hours to be allocated</b>	150
	<b>Allocated Hours</b>	150
Reading List	<p><i>The reading list for this module can be accessed via the following link:</i></p> <p><a href="https://uwe.rl.talis.com/index.html">https://uwe.rl.talis.com/index.html</a></p>	

### Part 5: Contributes Towards

This module contributes towards the following programmes of study:

Business Computing [Sep][FT][Frenchay][3yrs] BSc (Hons) 2018-19