University of the West of Scotland

Module Descriptor

Session: 2024/2025

Title of Module: Logistics Resilience and Optimisation			
Code:	**SCQF Level: 11 (Scottish Credit and Qualifications Framework)**	**Credit Points: 20**	**ECTS: 10 (European Credit Transfer Scheme)**
School:	School of Business and Creative Industries		
Module Co-ordinator:	Olamide Olusegun		

Summary of Module
When disasters occur, they test the degree of responses of the Humanitarian relief organisations, especially the capacity of the actors to work together. Disaster occurrences demand solutions that include governments, military, civil society, and humanitarian relief agencies, who under normal circumstances have little incentives to work together for an extended period of time. Yet, when a disaster strikes, they are suddenly faced with the pressure to combine all their capacity and capability to relieve human suffering.   This taught module will deliver solutions for getting different actors to work together by sharing processes and distribution channels It will explore innovative supply chain Management approaches that go beyond mere logistics of moving goods from point A to point B in a structure that will effectively coordinate performance, eliminate redundancies, and maximize efficiencies in terms of costs and speed. The module aims to address the increasing need for skilled professionals in humanitarian disaster relief operations, prompted by the frequent occurrence of disasters worldwide. Its primary goal is to improve professionalism and job prospects within the humanitarian logistics and supply chain management sector.

Module Delivery Method					
Face-To-Face	**Blended**	**Fully Online**	**Hybrid C**	**Hybrid 0**	**Work-Based Learning**
☒	☒	☐	☐	☐	☐
See Guidance Note for details.					

Campus(es) for Module Delivery

The module will **normally** be offered on the following campuses / or by Distance/Online Learning: (Provided viable student numbers permit) (tick as appropriate)

Paisley:	Ayr:	Dumfries:	Lanarkshire:	London:	Distance/Online Learning:	Other:
☒	☐	☐	☐	☐	☐	Add name

Term(s) for Module Delivery

(Provided viable student numbers permit).

Term 1	☒	Term 2	☒	Term 3	☒

Learning Outcomes: (maximum of 5 statements)
These should take cognisance of the SCQF level descriptors and be at the appropriate level for the module.
At the end of this module the student will be able to:

L1	Demonstrate an understanding of the humanitarian logistics beyond the movement of relief materials from point A to point B.
L2	Demonstrate the theoretical understanding of assessing the different types of disaster.
L3	Develop the leadership and management skills that enhance inter-agency and disaster community collaborations.
L4	Develop the ability for risk management in disaster situations and explore fund-raising strategies for the purpose of post-disaster recovery operations.
L5	Understand the role of technology in disaster management.

Employability Skills and Personal Development Planning (PDP) Skills

SCQF Headings	During completion of this module, there will be an opportunity to achieve core skills in:
Knowledge and Understanding (K and U)	SCQF Level **11** Students are expected to be able to demonstrate a range of cognitive and intellectual skills together with techniques specific to Logistics Resilience and Optimisation They should also demonstrate relevant personal and interpersonal skills including, critical thinking and creativity: managing creative processes in self and others; organising

	thoughts, critical analysis, synthesis, and critical appraisal. This includes the capability to identify assumptions, evaluate statements in terms of evidence, detect false logic or reasoning, identify implicit values, define terms adequately and generalise appropriately.
Practice: Applied Knowledge and Understanding	SCQF Level **11** Practice and techniques for the design and management of humanitarian logistics architecture. Critical evaluation and understanding situations that can have impact on delivery of relief to disaster victims. Ability to create, identify and evaluate options; the ability to implement and review decisions. Ethics and value management: recognising ethical situations, applying ethical and organisational values to situations and choices.
Generic Cognitive skills	SCQF Level **11** Personal effectiveness: self-awareness and self-management; time management; sensitivity to disaster situations at different locations; the ability to act promptly.
Communication, ICT and Numeracy Skills	SCQF Level **11** Effective use of Communication and Information Technology (ICT). Two-way communication: listening, negotiating, and persuading or influencing others; oral and written communication, using a range of media, and ability to conduct research into relief supply chains in disaster situations. Learning through reflection on practice and experience.
Autonomy, Accountability and Working with others	SCQF Level **11** Effective performance within a team environment and the ability to recognise and utilise individuals' contributions in group processes, team selection, delegation, development, and management. Leadership and performance management: selecting appropriate leadership style for situations; setting targets, motivating, monitoring performance, coaching and mentoring, continuous improvement.

Pre-requisites:	Before undertaking this module the student should have undertaken the following:	
	Module Code:N/A	**Module Title: N/A**
	Other:	
Co-requisites	**Module Code:**	**Module Title:**

*Indicates that module descriptor is not published.

Learning and Teaching	
In line with current learning and teaching principles, a 20-credit module includes 200 learning hours, normally including a minimum of 36 contact hours and maximum of 48 contact hours.	
Learning Activities During completion of this module, the learning activities undertaken to achieve the module learning outcomes are stated below:	**Student Learning Hours** (Normally totalling 200 hours): (Note: Learning hours include both contact hours and hours spent on other learning activities)
Lecture/Core Content Delivery	24
Tutorial/Synchronous Support Activity	12
Asynchronous Class Activity	6
Independent Study	158
Choose an item.	200 Hours Total

**Indicative Resources: (eg. Core text, journals, internet access)
The following materials form essential underpinning for the module content and ultimately for the learning outcomes: Textbooks: John Manners-Bell (2023) Supply Chain Risk Management: How to Design and Manage Resilient Supply Chains Graham, Heaslip and Tatham Peter (2022) Humanitarian Logistics: meeting the challenge of preparing and responding to disaster and complex emergencies; Kogan Page Gyöngyi Kovács, Karen Spens and Mohammad Moshtari (2017) The Palgrave Handbook of Humanitarian Logistics and Supply Chain Management Please ensure the list is kept short and current. Essential resources should be included, broader resources should be kept for module handbooks / Aula VLE. Resources should be listed in Right Harvard referencing style or agreed professional body deviation and in alphabetical order.

(**N.B. Although reading lists should include current publications, students are advised (particularly for material marked with an asterisk*) to wait until the start of session for confirmation of the most up-to-date material)

Attendance and Engagement Requirements

In line with the [Student Attendance and Engagement Procedure](#): Students are academically engaged if they are regularly attending and participating in timetabled on-campus and online teaching sessions, asynchronous online learning activities, course-related learning resources, and complete assessments and submit these on time.

For the purposes of this module, academic engagement equates to the following:

Students must attend and actively participate in every face-to-face and online sessions. Students must undertake directed reading and preparation before coming to each tutorial sessions including any asynchronous activities.

Journals

Journal of Humanitarian Logistics and Supply Chain Management. Available at: https://www.emerald.com/insight/publication/issn/2042-6747/vol/4/iss/1

International Journal of Physical Distribution & Logistics Management. Available at: https://www.emerald.com/insight/publication/issn/0960-0035

Equality and Diversity

The University's Equality, Diversity and Human Rights Procedure can be accessed at the following link: [UWS Equality, Diversity and Human Rights Code.](#)

Please ensure any specific requirements are detailed in this section. Module Co-ordinators should consider the accessibility of their module for groups with protected characteristics..

(N.B. Every effort will be made by the University to accommodate any equality and diversity issues brought to the attention of the School)

Supplemental Information

Divisional Programme Board	
Assessment Results (Pass/Fail)	Yes ☐ No ☒
School Assessment Board	MITE
Moderator	TBC
External Examiner	TBC

Accreditation Details	e.g. ACCA Click or tap here to enter text.
Changes/Version Number	1

Assessment: (also refer to Assessment Outcomes Grids below)
Written Group Work carrying a weighting of 60%
Group Presentation carrying a weighting of 40%
(N.B. (i) **Assessment Outcomes Grids** for the module (one for each component) can be found below which clearly demonstrate how the learning outcomes of the module will be assessed. (ii) An **indicative schedule** listing approximate times within the academic calendar when assessment is likely to feature will be provided within the Student Module Handbook.)

Assessment Outcome Grids (See Guidance Note)

Component 1							
Assessment Type (Footnote B.)	Learning Outcome (1)	Learning Outcome (2)	Learning Outcome (3)	Learning Outcome (4)	Learning Outcome (5)	Weighting (%) of Assessment Element	Timetabled Contact Hours
Group written work	✓	✓	✓			60	0

Component 2							
Assessment Type (Footnote B.)	Learning Outcome (1)	Learning Outcome (2)	Learning Outcome (3)	Learning Outcome (4)	Learning Outcome (5)	Weighting (%) of Assessment Element	Timetabled Contact Hours
Presentation				✓	✓	40	0

Component 3							
Assessment Type (Footnote B.)	Learning Outcome (1)	Learning Outcome (2)	Learning Outcome (3)	Learning Outcome (4)	Learning Outcome (5)	Weighting (%) of Assessment Element	Timetabled Contact Hours
Combined Total for All Components						100%	0 hours

Change Control:

What	When	Who
Further guidance on aggregate regulation and application when completing template	16/01/2020	H McLean
Updated contact hours	14/09/21	H McLean
Updated Student Attendance and Engagement Procedure	19/10/2023	C Winter
Updated UWS Equality, Diversity and Human Rights Code	19/10/2023	C Winter
Guidance Note 23-24 provided	12/12/23	D Taylor
General housekeeping to text across sections. .	12/12/23	D Taylor

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