

University of the West of Scotland

Module Descriptor

Session: 2024/25

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| Title of Module: Research Methods in Supply chain management | | | |
| 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: | Salman Ahmad | | |
| Summary of Module | | | |
| <p>The supply chains and their management knowledge area has seen a lot of changes over the years. The traditional business approach of focusing on productivity, efficiency, and quality of operations has now changed to include considerations of where their material and equipment comes from, safeguarding the environment and people involved. This means managers not only have to manage their own business but try to manage activities of their upstream and downstream supply chain partners, who may also provide services to the competitors. This leads to a complex network of communications, logistics, planning, and material handling systems. To improve supply chains, researchers need to investigate a diverse range of management topics, like scheduling, procurement, transportation, distribution performance and quality management etc., to identify the shortcomings and apply new thinking leading to tangible innovations in the way goods/services are provided to the society. This module is specially aimed for students who want to conduct a research project in supply chain management. Unlike traditional research methods module, this module is structured with a research project as a product in mind with appropriate research methods content included in each topic area.</p> | | | |

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| Module Delivery Method | | | | | |
| Face-To-Face | Blended | Fully Online | HybridC | Hybrid 0 | Work-Based Learning |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| See Guidance Note for details. | | | | | |

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| Campus(es) for Module Delivery |
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| 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: |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Add name |

| Term(s) for Module Delivery | | | | | |
|---|-------------------------------------|--------|-------------------------------------|--------|-------------------------------------|
| (Provided viable student numbers permit). | | | | | |
| Term 1 | <input checked="" type="checkbox"/> | Term 2 | <input checked="" type="checkbox"/> | Term 3 | <input checked="" type="checkbox"/> |

| 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: | |
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| L1 | Evaluate and select appropriate methodologies for use in their dissertation project. These methodologies include, but are not limited to, experimental, survey and content analysis. |
| L2 | Evaluate and chose approaches for data collection. |
| L3 | Identify and critique articles based on different research methods |
| L4 | Write a research proposal that details out a project they will conduct in the following semester. |
| L5 | Click or tap here to enter text. |

| Employability Skills and Personal Development Planning (PDP) Skills | |
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| SCQF Headings | During completion of this module, there will be an opportunity to achieve core skills in: |
| Knowledge and Understanding (K and U) | <p>SCQF Level 11</p> <p>Critical understanding of a range of theories, principles, and concepts relevant to research philosophy and process.</p> <p>Displaying an awareness of current issues relevant to Logistics and SCM area.</p> |
| Practice: Applied Knowledge and Understanding | <p>SCQF Level 11</p> <p>Identify and checking the appropriateness of various techniques and practices associated with the relevant subject area.</p> |

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| | <p>Critically evaluating previous work and evidence.</p> <p>Applying an appropriate research strategy to the selection and filtering of relevant information from various sources.</p> | |
| Generic Cognitive skills | <p>SCQF Level 11</p> <p>Demonstrating the ability to identify research gap/issue in the area and identifying suitable approach to investigate it robustly.</p> | |
| Communication, ICT and Numeracy Skills | <p>SCQF Level 11</p> <p>Enhancing academic/formal writing skills, including appropriate acknowledgement, and referencing sources</p> | |
| Autonomy, Accountability and Working with others | <p>SCQF Level 11</p> <p>Exercising a significant autonomy and initiative in studies taking responsibility for own work.</p> <p>Dealing with complex ethical and multicultural issues inherent in the Logistics & SCM.</p> | |
| Pre-requisites: | Before undertaking this module the student should have undertaken the following: | |
| | Module Code: | Module Title: |
| | Other: | |
| Co-requisites | Module Code: | Module Title: |

*Indicates that module descriptor is not published.

| Learning and Teaching | |
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| <p>The delivery strategy will focus on adopting a student-centric and directed learning approach. This methodology will provide the foundation on which the students learning will be built through the face-to-face workshops. The workshops will have no more than 40 students and no more than 20 in a laboratory work. Prior to attending these workshops sessions, students will engage in preparatory work, setting the stage for in-depth exploration and contextualization within various scenarios. The workshops will be enquiry based with structure and unstructured activities. The students will be expected to take responsibility for their direction of learning.</p> | |
| <p>Learning Activities During completion of this module, the learning activities undertaken to achieve the module learning outcomes are stated below:</p> | <p>Student Learning Hours (Normally totalling 200 hours): (Note: Learning hours include both contact hours</p> |

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| | and hours spent on other learning activities) |
| Laboratory/Practical Demonstration/Workshop | 36 |
| Independent Study | 164 |
| Choose an item. | |
| | Hours Total 200 |

****Indicative Resources: (eg. Core text, journals, internet access)**

The following materials form essential underpinning for the module content and ultimately for the learning outcomes:

Bell, E., Bryman, A., & Harley, B. (2019). *Business research methods*. 5th edn. London: Oxford University Press

Herbert, K., Stefan, S., Martin, M., & Gerald, R. (2005). *Research Methodologies in Supply Chain Management*, : Physica Heidelberg

Saunders, M., Lewis, P., & Thornhill A. (2019). *Research Methods for Business Students*. 8th edn. Harlow: Pearson.

(*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.

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](#).

(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

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| Divisional Programme Board | |
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| Assessment Results (Pass/Fail) | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| School Assessment Board | MITE |
| Moderator | |
| External Examiner | |
| Accreditation Details | |
| Changes/Version Number | 1 |

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| Assessment: (also refer to Assessment Outcomes Grids below) |
| Portfolio of written work |
| (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 |
| Portfolio of written work | ✓ | ✓ | ✓ | ✓ | | 100 | 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 |
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| 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 |

Version Number: MD Template 1 (2023-24)