C1A2-LGS Master of Science in Logistics with Green and Sustainable Supply Chain Management

PROGRAMME DETAILS
Programme Code: C1A2-LGS
Department: Business Management
Main Award: MSC - Master of Science
Full Award Title: Master of Science in Logistics with Green and Sustainable Supply Chain Management
Level: Postgraduate Taught

LOCATION OF STUDY
Edinburgh  Y  Scottish Borders  N  Orkney  N
Dubai  N  Malaysia  N  Approved Learning Partner  N
Independent Distance Learners  N  Collaborative Learning Partner  N  Other  N

ASSOCIATED AWARDS
Programme Code  Award  Title
C1A0-ZZZ  PGCERT  Postgraduate Certificate in Logistics and Supply Chain Management
C1A2-LGS  MSC  Master of Science in Logistics with Green and Sustainable Supply Chain Management
C1A5-LSC  PGDIP  Postgraduate Diploma in Logistics and Supply Chain Management

ACCREDITATION
Chartered Institute of Logistics and Transportation (CILT)

LEARNING OUTCOMES – SUBJECT MASTERY
Understanding, Knowledge and Cognitive Skills
Case studies will be used where students need to show that they can interpret data and relate those circumstances to the frameworks identified in the academic literature.

The dissertation will enable a student to undertake an in depth study in a selected area of the student's choice where the relationship to current models needs to be established and findings used to verify or add to current knowledge.

- Knowledge that covers and integrates most of the main areas of the discipline, including their features, boundaries, terminology and conventions.
- A critical understanding of the principal theories, principles and concepts.
- A critical understanding of a range of specialised theories, principles and concepts.
- Extensive, detailed and critical knowledge and understanding of one or more specialisms, informed largely by research-teaching linkages.
- Critical awareness of current issues in research and knowledge creation within specialist areas of the discipline.
- The development of original and creative responses to problems and issues associated with professional level practice and research.

Scholarship, Enquiry and Research (Research Informed Learning)
Students will be encouraged to work independently to complement the knowledge gained by reading, lecturers, programme work and a dissertation. Programmes in critical reading, literature reviews and research methods will be given to assist students to undertake work of scholarship.
The research output from the Logistics Research Centre will be incorporated into the taught curriculum e.g. Global Purchasing and Supply, Green & Sustainable Logistics and SC Risk and Adaptation.

- Knowledge or understanding of the ways in which green logistics and supply chain risk management have developed, including the implementation of emerging techniques of research and scholarly enquiry.
- Planning and execution of a significant project of research, development or investigation.
- Demonstration of originality and creativity in applying knowledge and understanding to professional practice.
- The use of a wide range of standard techniques and some specialist research (or equivalent) instruments in pursuing research led enquiry.

LEARNING OUTCOMES – PERSONAL ABILITIES

Industrial, Commercial and Professional Practice

A range of assessed and class based exercises will be used which are built around business cases where a combination of academic and business techniques will need to be selectively justified and applied by the students.

A number of external guest speakers and company visits drawn from leading companies will be incorporated into the programme.

- The use of a substantial range of the most important skills, professional practices and / or materials associated with the study of green logistics and sustainable supply chain management.
- The use of a wide range of practices, skills and materials that are specialised, or advanced, in the sense of emerging from current research.
- Showing experience of integrating knowledge and understanding, to allow practice at a senior professional level in unpredictable and rapidly changing environments.

Autonomy, Accountability and Working With Others

Within the programme students will be required to work to strict timescales both independently and in self-managed groups.

In the dissertation they will be required to independently design a research process which meets the University and company objectives and will entail working with individuals from operational to senior management roles.

- The exercise of substantial autonomy and initiative in professional level or equivalent activity, perhaps building on research teaching linkages.
- Taking significant responsibility for work within autonomous teams that require the management of a range of resources.
- Development of leadership and initiative in professional practice, specifically showing awareness of others’ roles and responsibilities in working towards common objectives.
- Incorporating an understanding of complexities of ethical conduct, especially in areas where professional ethical codes give limited guidance.

Communication, Numeracy & Information and Communications Technology

Students will have to submit work which is both demonstrates both qualitative and quantitative forms of analysis.
As part of the dissertation process students will need to make a formal presentation of their findings to their project companies. This is in addition to a presentation made to their peers about their research objectives and methods.

- The use of a wide range of routine skills, together with the use of a carefully specified range of specialised or advanced skills, used in professional practice of green logistics and sustainable supply chain management that enable:
- the making of formal presentations about specialised topics to audiences with a variety of levels of expertise.
- communication as a peer with senior colleagues and specialists in green logistics and sustainable supply chain management.
- critical and informed interpretation of a variety of data, and presentation or interpretation through a variety of means and media, as part of professional practice.

**APPROACHES TO TEACHING AND LEARNING**

The School of Management and Languages is committed to enhancing the student learning experience through its approach to teaching and learning, which is derived from the University's own Learning and Teaching Strategy.

In the first months of study, considerable emphasis is given to assisting students in the return to Higher Education through induction events. These introduce students to the different teaching methods that they will encounter: mostly lectures, workshops, lab work – as well as familiarising students with support services such as the library, computing services and the virtual learning environment. In this programme, considerable emphasis is placed on ensuring that this support meets the needs of foreign students, who are least likely to be familiar with the expectations of a British institution. In addition, the School is committed to providing a thorough grounding in scholarship skills at an appropriate level covering matters such as critical approaches to secondary texts and data, academic writing techniques, and reflective learning.

Throughout the degree, teaching is strongly research-informed. Building on students’ existing study skills from prior study and experience, the programme is designed to develop students’ professional expertise through group based work and projects, culminating naturally in the completion of a dissertation. Professional development planning also forms an integral part of the programme of studies, so that students graduate with considerably enhanced skills suitable for senior, specialist professional level or managerial employment in careers in business and public service in areas closely associated with the study of green logistics and sustainable supply chain management. These policies ensure that graduates have high levels of employability and professional career readiness.

Approaches to teaching and learning are examined yearly through programme and course review. These processes are informed by various forms of feedback of which the most important are student feedback, external examiners reports, and evidence of the achievement of learning outcomes from formative and summative assessment.
Further details of the approaches to teaching and learning used in individual courses are included in course descriptors.

EDUCATIONAL AIMS OF THE PROGRAMME

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ASSESSMENT POLICIES
The programme uses a range of assessment types at all stages of study. Formative assessment is used in many courses to provide students and staff with feedback on performance and the achievement of learning outcomes. This feedback is used both to inform programme development, but also to enable the adaptation of learning opportunities to meet the needs of individual students and the cohort of learners. Summative assessment for most courses will involve a combination of coursework and examination, with greater weight typically given to unseen examination rather than coursework. The format of all assessment is determined by its appropriateness for measuring the learning outcomes of courses.

Among the forms of assessment used in the programme are essays, written exams, presentations, group and individual projects and the dissertation.

Further details of the approaches to teaching and learning used in individual courses are included in course descriptors.

<table>
<thead>
<tr>
<th>Programme Structure</th>
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</thead>
<tbody>
<tr>
<td>Mandatory Courses</td>
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</table>

<table>
<thead>
<tr>
<th>Edinburgh</th>
<th>SBC</th>
<th>Orkney</th>
<th>Dubai</th>
<th>HWUM</th>
<th>IDL</th>
<th>Coll. Partner</th>
<th>ALP</th>
<th>Other</th>
<th>Stage</th>
<th>Semester</th>
<th>Phase</th>
<th>Course Code</th>
<th>Course Title</th>
<th>SCQF Cr</th>
<th>SCQF Lvl</th>
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| Optional Courses |

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<tr>
<th>Edinburgh</th>
<th>SBC</th>
<th>Orkney</th>
<th>Dubai</th>
<th>HWUM</th>
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<th>SCQF Cr</th>
<th>SCQF Lvl</th>
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<td>Big Data Analytics</td>
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<td>2</td>
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</table>
C1A2-LGS Master of Science in Logistics with Green and Sustainable Supply Chain Management

| X | 1 | 2 | C1SL | Systems Thinking and Analysis | 15 | 11 |

**COMPOSITION NOTES (PG)**

8 taught courses (7 Mandatory + 1 Optional) plus a dissertation

- Mandatory Credits: 105
- Optional Credits: 15
- Elective Credits: 0
- Dissertation Credits: 60
- Total: 180

**AWARDS, CREDITS AND CRITERIA (PG)**

<table>
<thead>
<tr>
<th>Awards, Credits and Levels</th>
<th>Overall Credits</th>
<th>Specific Requirements</th>
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<tbody>
<tr>
<td>Masters Degree</td>
<td>180</td>
<td>180 SCQF credits including a minimum of 150 credit at Level 11</td>
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<tr>
<td>Postgraduate Diploma</td>
<td>120</td>
<td>120 SCQF credits including a minimum of 90 credit at Level 11</td>
</tr>
<tr>
<td>Postgraduate Certificate</td>
<td>60</td>
<td>60 SCQF credits including a minimum of 40 credit at Level 11</td>
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</table>

**Award Requirements**

<table>
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<tr>
<th>Award Requirements</th>
<th>Total Course Passes</th>
<th>Overall Mark</th>
<th>Overall Grade</th>
<th>Basis of Overall Mark/Grade</th>
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<tbody>
<tr>
<td>Master (Distinction)</td>
<td>8 + Dissertation</td>
<td>70</td>
<td>A</td>
<td>Credit Weighted Average greater than or equal 70% over 8 courses at grades A-C plus a Dissertation at grade A.</td>
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<tr>
<td>Master</td>
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<td>C</td>
<td>Credit Weighted Average greater than or equal 50% over 8 courses at grades A-D plus a Dissertation at minimum grade C.</td>
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<td>Diploma</td>
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<td>Certificate</td>
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<td>Credit Weighted Average greater than or equal 40% over 4 courses at grades A-E</td>
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**DURATION OF STUDY**

<table>
<thead>
<tr>
<th>IN MONTHS</th>
<th>Full-time</th>
<th>Part-time</th>
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<tbody>
<tr>
<td>Masters</td>
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<tr>
<td>Diploma</td>
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<tr>
<td>Certificate</td>
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</table>

**RE-ASSESSMENT (PG)**

1. A student who has been awarded a Grade E or F in a course may be re-assessed in that course. A student who has been awarded a Grade D in a course may be re-assessed in that course in order to proceed to or be eligible to receive the award of Masters.
2. A student shall be permitted only one re-assessment opportunity in a maximum of three taught courses. The opportunity for re-assessment in four or more taught courses shall be at the discretion of the Progression Board.
3. Any further re-assessment opportunities in a course will require the approval of the Postgraduate Studies Committee.
4. A student may be permitted, at the discretion of the Progression Board, to be re-assessed in the dissertation, project or
other supervised research component of the course of study.

PROGRESSION TO DISSERTATION/PROJECT
In accordance with University Regulations, to progress to Masters level a minimum of Grade C is required.