PROGRAMME DETAILS
Programme Code: D307-CMQ
Department: Construction Mgmt & Surveying
Main Award: MSC - Master of Science
Full Award Title: Master of Science in Commercial Management and Quantity Surveying
Level: Postgraduate Taught

LOCATION OF STUDY
<table>
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<tr>
<th>Place</th>
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<th>Scottish Borders</th>
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ASSOCIATED AWARDS
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<td>D301-CMQ</td>
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<td>Postgraduate Certificate in Commercial Management and Quantity Surveying</td>
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<td>PGDIP</td>
<td>Postgraduate Diploma in Commercial Management and Quantity Surveying</td>
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<td>D307-CMQ</td>
<td>MSC</td>
<td>MSc Comm Mgmt and Qty Surv</td>
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ACCREDITATION
Royal Institute of Chartered Surveyors (MSc only)

LEARNING OUTCOMES – SUBJECT MASTERY
Understanding, Knowledge and Cognitive Skills

Understanding, Knowledge and Cognitive Skills

Fundamentals of cost control in construction projects

Fundamentals of measurement as covered in chosen courses

Fundamentals of management as covered in chosen courses

Fundamentals of procurement and contract as covered in chosen courses

Programme options will provide students with the opportunity to study:
Core aspects of cost control and value in design and construction of buildings

Principles of financial management in construction projects

Principles of management approaches in practice

Principles of project, contract and procurement

Scholarship, Enquiry and Research (Research Informed Learning)

Appreciate the link between design, cost and procurement

Analyze and solve quantity surveying cost control problems

Integrate quantity surveying principles with the principles of management to enable a holistic approach to solving construction project issues

Integrate interdisciplinary built environment knowledge and analytical skills to enable a holistic approach to solving costing issues in construction projects

LEARNING OUTCOMES – PERSONAL ABILITIES

Industrial, Commercial and Professional Practice

Transfer problem solving skills to a variety of contexts

Integrate theory and practice

Apply numerical and scientific skills

Apply financial and management skills

Autonomy, Accountability and Working With Others

Communicate effectively at all levels and using a range of media
Assess issues associated with working as part of a team and as a team manager

Plan and organise own learning through self-management and time management

Proficient use of advanced IT eg for data analysis and interpolation

Communication, Numeracy & Information and Communications Technology

Appraise and develop continuously and effectively at all levels using a range of media

Adopt a mature, ethical and professional attitude to the solution of financial, technical, contract and procurement problems

**APPROACHES TO TEACHING AND LEARNING**

The overall approach in the programme teaching and learning is student-focused, which is designed to encourage students to take responsibility for their own learning and development.

Programme learning objectives ensure transmission of core knowledge relevant to each course. The level of competency required provides the academic rigour appropriate to Masters programmes. This is achieved through traditional methods of teaching and learning, and can be summatively assessed in examinations.

Programme leaning outcomes come from overarching Discipline themes. Achievement of them demonstrates skill and mastery of the subject at advanced level and requires students to make value judgements relevant to quantity surveying through reasoned application of core knowledge. This is achieved through student interaction with integrated project work which is assessed by assignment. The requisite competencies related to Subject Mastery are acquired and developed through lectures, tutorials, group work and integrated design project. The design project reinforces the development of subject-specific skills through a co-ordinated set of projects ensuring an interdisciplinary approach to developing professional skills.
Approaches to teaching and learning are continually reviewed and developed with the aim of matching them to the abilities and experiences of students, with regard for the subject area. Specific details about teaching and learning methods are provided in the appropriate course descriptors.

EDUCATIONAL AIMS OF THE PROGRAMME

The aim is to provide numerate graduates who wish to progress their careers in the field of cost control in construction practice with a conversion course in the field of Quantity Surveying (QS) permitting entry to the built environment sector, enabling them to achieve a level of attainment equivalent to an MSc, allowing them to progress to graduate route entry to the RICS to become chartered. This will be fulfilled through meeting the following objectives:

- learning which contributes to the educational requirement for QS in the area of building cost control and measurement
- contract and procurement skills developed to an acceptable standard
- development of transferable skills appropriate to professional practice in the fields of quantity surveying, construction practice in the built environment profession and management, as reflected in the course choice exercised by students

Activities designed to achieve these objectives will be embedded in a programme with a multidiscipline structure giving graduates the skills to tackle cost, procurement and management problems in the Built Environment in the 21st Century. Graduates will be able to meet the ‘graduate’ entry route to the RICS, leading to chartered qualification on successful completion of the RICS Assessment of Professional Competence. The programmes will also accommodate practitioners with some experience, providing flexible opportunities for students to meet the RICS entry requirements while working for a postgraduate qualification.

ASSESSMENT POLICIES

The assessment policy for the programme incorporates a range of assessment types. Continuous assessment during some courses and summative assessment at the conclusion of courses both contribute to the overall assessment and are used to formally measure achievement in specific learning outcomes. Understanding, knowledge and subject-specific skills are assessed by coursework assignments, integrated design elements and written examinations. Approaches to assessment are continually reviewed. Specific details about methods of assessment are provided in the appropriate course descriptors.
## PROGRAMME STRUCTURE

### Mandatory Courses

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<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>
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<th>Stage</th>
<th>Semester</th>
<th>Phase</th>
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<th>Course Title</th>
<th>SCQF Cr</th>
<th>SCQF Lvl</th>
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### Optional Courses

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**COMPOSITION NOTES (PG)**

8 course - 6 mandatory + 2 optional - (plus Research Dissertation for MSc)

Semester 2 has 3 mandatory and 1 optional course. For Edinburgh, the only option available is D30IC. For IDL, ALP, Malaysia and Dubai, the only option is D31MI.

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<tr>
<th>Mandatory Credits</th>
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<td>Optional Credits</td>
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**AWARDS, CREDITS AND CRITERIA (PG)**

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<th>Overall Credits</th>
<th>Specific Requirements</th>
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<td>180 SCQF credits including a minimum of 150 credit at Level 11</td>
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**Award Requirements**

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<th>Overall Grade</th>
<th>Basis of Overall Mark/Grade</th>
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<td>Master (Distinction)</td>
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<td>8+Research Dissertation</td>
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**DURATION OF STUDY**

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<tr>
<td>Certificate</td>
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**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.