

PROGRAMME SPECIFICATION

Bachelor of Science with Honours in Quantity Surveying & Cost Management

Awarding institution	Liverpool John Moores University
Teaching institution	Imperia Institute of Technology
JACS Code	K240
Programme Duration	Full-Time: 3 Years, Part-Time: 5 Years
Language of Programme	All LJMU programmes are delivered and assessed in English
Subject benchmark statement	Construction, Property and Surveying (2008)
Programme accredited by	Royal Institution of Chartered Surveyors (RICS)
Description of accreditation	http://www.ricscourses.org/Pages/institution-search.aspx Partnership agreement - reviewed annually
Validated target and alternative exit awards	Bachelor of Science with Honours in Quantity Surveying & Cost Management Diploma of Higher Education in Quantity Surveying & Cost Management Certificate of Higher Education in Quantity Surveying & Cost Management
Link Tutor	Michael Farragher

Educational aims of the programme

To provide fundamental knowledge in and develop an advanced understanding of the theory and practice of construction technology, law, procurement, construction contracts, measurement, construction management, financial management, business management, information technology and project management in the wider business and built environment sectors.

To provide opportunities for the critical appreciation and understanding of the significant factors constraining the effective management and development of the built environment, e.g. physical, legal, economic, sustainable and technological factors.

To provide opportunities for collaborative and individual student-centred study on project tasks that simulate real working practices in order to develop analytical, critical and problem solving skills such that they can define, investigate and analyse problems, form judgements, make decisions and demonstrate the acquisition of such qualities.

To provide a well-balanced education which allows the student to achieve his/her full academic potential at first degree level and in doing so to facilitate the development of independent logical thought and judgement.

To provide the framework within which students can achieve the level of attainment, appropriate to their abilities in the context of the programme of study.

To produce a basis for general professional experience and to encourage a consciousness of the professional, business and commercial environment.

To provide opportunities to work in a multidisciplinary environment to facilitate decision making in the lifecycle of a project.

To prepare students for the transition from Higher Education to employment within a professional context; and develop those transferable, specialist and employability skills that all stakeholders could reasonably expect of students who successfully complete a Quantity Surveying programme.

To encourage students to engage with the development of employability skills by completing a self-awareness statement.

Alternative Exit/ Interim Award Learning Outcomes - Certificate of Higher Education

A student who is eligible for this award will be able to:

Demonstrate knowledge of the underlying concepts and principles associated with Quantity Surveying, and an ability to evaluate and interpret these within the context of that area of study Demonstrate an ability to present, evaluate and interpret qualitative and quantitative data, in order to develop lines of argument and make sound judgements in accordance with basic theories and concepts of Quantity Surveying

Alternative Exit/ Interim Award Learning Outcomes - Diploma of Higher Education

A student who is eligible for this award will be able to:

Demonstrate knowledge and critical understanding of the well-established principles of Quantity Surveying, and of the way in which those principles have developed an ability to apply underlying concepts and principles outside the context in which they were first studied, including, where appropriate, the application of those principles in an employment context Demonstrate knowledge of the main methods of enquiry in the subject(s) relevant to the named award, and ability to evaluate critically the appropriateness of different approaches to solving problems in Quantity Surveying Demonstrate an understanding of the limits of their knowledge, and how this influences analyses and interpretations based on that knowledge.

Target award Learning Outcomes - Bachelor of Science with Honours

A student successfully completing the programme of study will have acquired the following subject knowledge and understanding as well as skills and other attributes.

A student who is eligible for this award will be able to:

1. Demonstrate knowledge and understanding of the technological, economic, social, environmental and legal framework with regard to quantity surveying.
2. Demonstrate knowledge of construction technology and building services, to support the understanding of how building and civil engineering projects are constructed.
3. Demonstrate application and knowledge of the principles of management and construction business analysis.
4. Demonstrate knowledge of law as it relates to the construction industry.
5. Demonstrate application and knowledge of economics and economic principles that impact upon society and the commercial marketplace.
6. Demonstrate application and knowledge of project administration relevant to commercial management and quantity surveying.
7. Demonstrate application and knowledge of information technology and systems that facilitate the electronic marketplace and the role of the quantity surveyor.
8. Demonstrate knowledge and understanding of procurement and contract law in relation to quantity surveying.
9. Demonstrate application and knowledge of financial management during the building lifecycle process.
10. Demonstrate awareness and application for professional practice as a quantity surveyor, including ethical responsibilities and the management and resourcing of organisations and staff.
11. Demonstrate knowledge and application of research design and methodology, leading to the undertaking of a major independent research project.
12. Analyse, synthesise, summarise and evaluate information
13. Reason, negotiate and discriminate critically
14. Produce solutions to problems through the application of subject-specific knowledge and understanding
15. Identify and solve problems individually and/or collaboratively
16. Integrate lines of evidence from a range of sources to support findings or hypotheses
17. Demonstrate and exercise independent thinking

18. Use of appropriate methods for formulating and solving quantity surveying problems
19. Use of appropriate techniques and equipment for undertaking practical activities
20. Use of IT tools and systems in quantity surveying projects
21. Formulate strategies that focus on international, industry, sector, and organisational standards and/or requirements.
22. Develop and select of appropriate procurement and contractual arrangements.
23. Use of information and communication technology to generate and manage project information.
24. Adopt and select appropriate management and business strategies as appropriate to their role.
25. Produce financial management documentation over the life cycle of a project.
26. Work collaboratively in groups within project environments.
27. Analyse data
28. Present data in a variety of ways
29. Use scientific evidence based methods in the solution of problems
30. Use general and specific ICT tools and systems
31. Apply creative problem solving skills
32. Communicate effectively, both written and verbal
33. Apply self-awareness, reflection and career planning skills
34. Apply time and resource management
35. Have an awareness of the needs of others, and create good working relationships; teamwork and leadership

Teaching, Learning and Assessment

The methods used to enable outcomes to be achieved and demonstrated are as follows:

Lectures, tutorials, problem solving sessions, seminars, workshops, computer sessions, participation in projects

Examinations, assignments, preparation of reports, essays, technological reports, oral presentations, workshops, peer review, computer-based exercises.

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Programme structure - programme rules and modules

The programme is offered on a full and part-time basis. Entry to the course can be at levels 4, 5 or 6 for suitably qualified candidates.

All modules are core (compulsory). Credit must be attained from all the core modules detailed below to achieve the BSc(Hons) Quantity Surveying and Cost Management.

Students who do not attain credit from all the modules may be eligible for alternative exit awards in accordance with LJMU Academic Framework.

Level 6	Potential Awards on completion	Bachelor of Science with Honours
Core	Option	Award Requirements
6535BEKL RESEARCH PROJECT		120 core credits at level 6

(30 credits) 6536BEKL ADVANCED QUANTITY SURVEYING PROJECT (10 credits) 6537BEKL CONTRACT AND PROCUREMENT STRATEGIES (20 credits) 6538BEKL ENGINEERING MEASUREMENT (20 credits) 6539BEKL PROJECT ECONOMICS AND MANAGEMENT (20 credits) 6540BEKL BUSINESS MANAGEMENT AND ENTREPRENEURSHIP (20 credits)		0 option credits at level 6
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Level 5	Potential Awards on completion	
Core	Option	Award Requirements
5536BEKL RESEARCH METHODS (10 credits) 5537BEKL CONSTRUCTION TECHNOLOGY 2 (20 credits) 5538BEKL QUANTITY SURVEYING PROJECT (10 credits) 5539BEKL CONSTRUCTION CONTRACT LAW (20 credits) 5540BEKL CONSTRUCTION PROCUREMENT (20 credits) 5541BEKL CONSTRUCTION PROJECT MANAGEMENT (20 credits) 5542BEKL ADVANCED MEASUREMENT AND CONTRACT ADMINISTRATION (20 credits)		120 core credits at level 5 0 option credits at level 5

Level 4	Potential Awards on completion	
Core	Option	Award Requirements
4535BEKL INTRODUCTION TO LAW (20 credits) 4536BEKL CONSTRUCTION AND PROPERTY ECONOMICS (20 credits) 4537BEKL CONSTRUCTION TECHNOLOGY 1 (20 credits) 4538BEKL SCIENCE AND MATERIALS (20 credits) 4539BEKL MANAGEMENT THEORY AND PRACTICE (20 credits) 4540BEKL MEASUREMENT AND COSTING (20 credits)		120 core credits at level 4 0 option credits at level 4

Information about assessment regulations

All programmes leading to LJMU awards operate within the University's Academic Framework.
<https://www.ljmu.ac.uk/about-us/public-information/academic-quality-and-regulations/academic-framework>

Opportunities for work-related learning (location and nature of activities)

Work-related learning is included within this programme, so students will have the opportunity to engage in real world projects and activities or go on a work-based learning placement. In doing so, students will be able to apply and further develop their knowledge and employability skills in a 'world of work' context.

Having experience of the workplace and current issues is incredibly valuable in developing career aims and when applying for graduate jobs.

Work-related learning may take different forms, the most common being: simulations of workplace activity; and employer-driven case studies.

Real world case studies are used wherever possible

Criteria for admission

A/AS Level

2 passes at A Level and Credit in O-Level Mathematics or equivalent

Overseas qualifications

STPM- Pass with TWO (2) full passes or equivalent with minimum CGPA 2.0 and Credit in SPM Mathematics or equivalent

UEC 5Bs (including Mathematics)

A-Level 2 passes and Credit in O-Level Mathematics or equivalent

Recognized Matriculation programme with minimum CGPA 2.00 and Credit in SPM Mathematics or equivalent

English Requirement.

Direct Entry to Level 5

Diploma: Having successfully completed Diploma in Quantity Surveying from IMPERIA or other accredited Higher Institutions with minimum CGPA 2.67.

Any ONE of the following English Language Requirements or its equivalent to enter the programme:

- MUET: Band 3
- IELTS: 5.5
- SPM English: Credit
- STPM English 914: Grade C
- STPM English 920: Grade D
- GCE 'O' Level : Credit
- TOEFL: 520 (paper) / 190 (computer) / 68 (internet)
- PTEA : score 42 – 49

Imperia Foundation in Arts

External Quality Benchmarks

All programmes leading to LJMU awards have been designed and approved in accordance with the UK Quality Code for Higher Education, including the Framework for Higher Education Qualifications in the UK (FHEQ) and subject benchmark statements where applicable.

The University is subject to periodic review of its quality and standards by the Quality Assurance Agency (QAA) Published review reports are available on the QAA website at www.qaa.ac.uk

Programmes which are professionally accredited are reviewed by professional, statutory and regulatory bodies (PSRBs) and such programmes must meet the competencies/standards of those PSRBs.

Support for students and their learning

The University aims to provide students with access to appropriate and timely information, support and guidance to ensure that they are able to benefit fully from their time at LJMU. All students are assigned a Personal Tutor to provide academic support and when necessary signpost students to the appropriate University support services.

Students are able to access a range of professional services including:

- Advice on practical aspects of study and how to use these opportunities to support and enhance their personal and academic development. This includes support for placements and careers guidance.
- Student Advice and Wellbeing Services provide students with advice, support and information, particularly in the areas of: student funding and financial matters, disability, advice and support to international students, study support, accommodation, health, wellbeing and counselling.
- Students studying for an LJMU award at a partner organisation will have access to local support services

Methods for evaluating and improving the quality and standards of teaching and learning

Student Feedback and Evaluation

The University uses the results of student feedback from internal and external student surveys (such as module evaluations, the NSS and PTES), module evaluation questionnaires and meetings with student representatives to improve the quality of programmes.

Staff development

The quality of teaching is assured through staff review and staff development in learning, teaching and assessment.

Internal Review

All programmes are reviewed annually and periodically, informed by a range of data and feedback, to ensure quality and standards of programmes and to make improvements to programmes.

External Examining

External examiners are appointed to programmes to assess whether:

- the University is maintaining the threshold academic standards set for awards in accordance with the FHEQ and applicable subject benchmark statements
- the assessment process measures student achievement rigorously and fairly against the intended outcomes of the programme(s) and is conducted in line with University policies and regulations
- the academic standards are comparable with those in other UK higher education institutions of which external examiners have experience
- the achievement of students are comparable with those in other UK higher education institutions of which the external examiners have experience

and to provide informative comment and recommendations on:

- good practice and innovation relating to learning, teaching and assessment observed by external examiners
- opportunities to enhance the quality of the learning opportunities provided to students

Please note:

This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content, teaching, learning and assessment methods of each module can be found in module and programme guides.