

PROGRAMME SPECIFICATION

Bachelor of Science with Honours in Quantity Surveying

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| Awarding institution | Liverpool John Moores University |
| Teaching institution | Sri Lanka Institute of Information Technology |
| JACS Code | K240 |
| Programme Duration | Full-Time: 1 Year |
| Language of Programme | All LJMU programmes are delivered and assessed in English |
| Subject benchmark statement | Construction, Property and Surveying (2008) |
| Programme accredited by | |
| Description of accreditation | |
| Validated target and alternative exit awards | Bachelor of Science with Honours in Quantity Surveying |
| Link Tutor | James Hartwell |

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 develop self-awareness in personal development and career planning and facilitate an awareness of the need to plan, develop and record lifelong learning.

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. Demonstrate knowledge and understanding of academic and digital literacy in order to apply academic rigour to all aspects of your study.
13. Analyse, synthesise, summarise and evaluate information.
14. Reason, negotiate and discriminate critically.
15. Produce solutions to problems through the application of subject-specific knowledge and understanding.
16. Identify and solve problems individually and/or collaboratively.
17. Integrate lines of evidence from a range of sources to support findings or hypotheses.
18. Demonstrate and exercise independent thinking.
19. Demonstrate reflective skills.
20. Use appropriate methods for formulating and solving quantity surveying problems.
21. Use appropriate techniques and equipment for undertaking practical activities.
22. Use IT tools and systems in quantity surveying projects.
23. Formulate strategies that focus on international, industry, sector, and organisational standards and/or requirements.
24. Develop and select of appropriate procurement and contractual arrangements.
25. Use information and communication technology to generate and manage project information.
26. Adopt and select appropriate management and business strategies as appropriate to their role.
27. Produce financial management documentation over the life cycle of a project.
28. Work collaboratively in groups within project environments.
29. Research for information to develop and critically appraise idea.
30. Analyse data.
31. Present data in a variety of ways.
32. Use scientific evidence based methods in the solution of problems.
33. Effectively use general and specific ICT tools and systems.
34. Demonstrate creative problem solving skills.
35. Communicate effectively in both written and verbal form.
36. Demonstrate self-awareness, reflection and career planning skills.
37. Demonstrate time and resource management skills.
38. Demonstrate an awareness of the needs of others to create good working relationships including teamwork and leadership skills.
39. Demonstrate negotiation and decision making skills.

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, work placement reports (if applicable).

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Examinations, assignments, preparation of reports, oral presentations, workshops, peer review, computer-based exercises, work placement reports (if applicable). Tracking of key skills via e-portfolio.

Programme structure - programme rules and modules

This BSc (Hons) Quantity Surveying programme exists as a level 6 progression award for students progressing from the Higher National Diploma in Quantity Surveying awarded by SLIIT.

The award of BSc (Hons) in Quantity Surveying requires 120 credits at level 6.

| Level 6 | Potential Awards on completion | Bachelor of Science with Honours |
|---|--------------------------------|--|
| Core | Option | Award Requirements |
| 6535BESL RESEARCH PROJECT (30 credits) 6536BESL ADVANCED QUANTITY SURVEYING PROJECT (10 credits) 6537BESL CONTRACT AND PROCUREMENT STRATEGIES (20 credits) 6538BESL ENGINEERING MEASUREMENT (20 credits) 6539BESL PROJECT ECONOMICS AND MANAGEMENT (20 credits) 6540BESL BUSINESS MANAGEMENT AND ENTREPRENEURSHIP (20 credits) | | 120 core credits at level 6 0 option credits at level 6 |

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)

Criteria for admission

Other

Higher National Diploma in Quantity Surveying as awarded by SLIIT.

Admission from other cognate qualifications, mapped against the BSc (Hons) Quantity Surveying programme, specification no. 30847, will be considered under the LJMU RPEL procedures.

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.