

# PROGRAMME SPECIFICATION

## Bachelor of Science with Honours (SW) in Quantity Surveying

<b>Awarding institution</b>	Liverpool John Moores University
<b>Teaching institution</b>	LIVERPOOL JOHN MOORES UNIVERSITY
<b>UCAS Code</b>	K242
<b>JACS Code</b>	K200
<b>Programme Duration</b>	Full-Time: 3 Years, Part-Time: 5 Years
<b>Language of Programme</b>	All LJMU programmes are delivered and assessed in English
<b>Subject benchmark statement</b>	Construction, Property and Surveying (2008)
<b>Programme accredited by</b>	Royal Institution of Chartered Surveyors (RICS)
<b>Description of accreditation</b>	Partnership agreement - reviewed annually <a href="http://www.ricscourses.org/Pages/institution-search.aspx">http://www.ricscourses.org/Pages/institution-search.aspx</a>
<b>Validated target and alternative exit awards</b>	Bachelor of Science with Honours in Quantity Surveying  Bachelor of Science with Honours (SW) in Quantity Surveying  Bachelor of Science in Quantity Surveying  Bachelor of Science (SW) in Quantity Surveying  Diploma of Higher Education in Quantity Surveying  Certificate of Higher Education in Quantity Surveying
<b>Programme Leader</b>	Dianne Marsh

## Educational aims of the programme

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 enable the student to develop his/her intellectual, analytical and critical abilities in order that he/she might exercise those abilities within the disciplines that constitute Built Environment studies.

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

To facilitate the development of transferable and graduate employability skills and an awareness of the need to plan, develop and record life long learning.

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 that provides recognition of that level.

To offer the student the opportunity for applying knowledge and understanding in the workplace via a placement year.

To provide a medium for Honours students to explore the potential of their acquired knowledge and to pursue those aspects which they find most stimulating.

To widen access to the programmes by recognising and allowing credits for prior certificated learning and/or prior experiential learning (APL/APEL), or by credit transfer.

To develop skills to ensure that the graduate will operate within a sound Health and Safety framework as provided by the regulatory framework of the industry.

To develop awareness of all aspects of sustainability to ensure that graduates operate responsibly within their chosen discipline, and make positive choices in this context.

To ensure that Quantity Surveying students develop their own identity. Quantity Surveying graduates are primarily concerned with the financial management of building projects. Quantity Surveyors need a detailed knowledge of cost estimating, cost management, construction techniques, procurement processes and contractual matters. They need skills which include the measurement of drawings to determine quantities.

To encourage students to fully engage with the World of Work programme, including World of Work Skills Certificate and, as a first step towards this, to complete Bronze (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:*

After completing Level 4 the student will be expected to demonstrate a sound knowledge of the basic principles and concepts of Quantity Surveying related subjects and have learned how to take different approaches to solving problems.

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

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

After completing Level 5 the student will have attained analytical and evaluation skills and apply them to a deeper knowledge of the principles and concepts of Quantity Surveying related subjects and also apply these principles widely within the context of the Quantity Surveying profession.

## **Target award Learning Outcomes - Bachelor of Science with Honours (SW)**

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

### **Knowledge and understanding**

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

A1. Knowledge and understanding of the technological, economic and legal framework with regard to building technology, measurement and quantity surveying.

#### **Teaching, learning and assessment methods used to enable outcomes to be achieved and demonstrated**

Lectures, tutorials, problem solving sessions, seminars, workshops, laboratory and computer sessions, field work, participation in a group project.

#### **Assessment**

Unseen examinations, practical work, assignments, preparation of reports, design tasks, oral presentations, workshops, peer review, computer-based exercises, work placement reports.

### **Skills and other attributes**

#### **Intellectual Skills**

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

B1. Ability to undertake research and develop ideas, communication skills, group working skills, application of numeracy, application of IT skills, personal management skills, the ability to plan future development.

#### **Teaching, learning and assessment methods used to enable outcomes to be achieved and demonstrated**

Lectures, tutorials, problem solving sessions, seminars, workshops, laboratory and computer sessions, field work, participation in a group project.

#### **Assessment**

Unseen examinations, assignments, preparation of reports, design tasks, oral presentations, workshops, peer review, computer-based exercises, work placement reports, group project reports.

### **Professional practical skills**

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

C1. Use of appropriate mathematical methods for analysing construction management problems.

C2. Use of appropriate techniques and equipment for undertaking practical field survey work.

C3. Use of IT tools in quantity surveying projects.

C4. Taking a leading role in commerce and industry in a range of situations.

C5. Working in groups.

C6. Research for information to develop and critically appraise ideas.

- C7. Project Management and Planning skills.
- C8. The development of client's brief and selection of appropriate procurement arrangements.
- C9. The use of information and communication technology to generate and manage project information.
- C10. A skill in the efficient communication of data and information between the various participants in the construction process in a form which is relevant to its ultimate user.
- C11. Application of economic principles to building design.

**Teaching, learning and assessment methods used to enable outcomes to be achieved and demonstrated**

Lectures, tutorials, problem solving sessions, seminars, workshops, laboratory and computer sessions, field work, participation in group projects and individual investigational/research project.

**Assessment**

Unseen examinations, assignments, preparation of reports, design tasks, oral presentations, workshops, peer review, computer-based exercises, work placement reports.

**Transferable / key skills**

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

- D1. Manipulation and sorting of data.
- D2. Presentation of data in a variety of ways.
- D3. Use of scientific evidence based methods in the solution of problems.
- D4. Use of general IT tools.
- D5. Use of creativity and innovation in problem solving.
- D6. Working with limited or contradictory information.
- D7. Effective communication.
- D8. Life long learning.
- D9. The Quantity Surveying approach to the solution of problems.
- D10. Time and resource management.
- D11. Teamwork and leadership.

**Teaching, learning and assessment methods used to enable outcomes to be achieved and demonstrated**

Lectures, tutorials, problem solving sessions, seminars, workshops, laboratory and computer sessions, field work, participation in a group project.

**Assessment**

Tracking of key skills via e-portfolio.

World of Work (WoW)

Students enrolled upon this programme from 2007 onwards are guaranteed opportunities for practising and receiving feedback about their progress in demonstrating 'LJMU Graduate Skills'. There are eight Graduate Skills, each defined by several 'skills criteria', all of which are either delivered through the programme or supported by the University's World of Work Careers Centre. The Graduate Skills are:

- A) Analysing and Solving Problems
- B) Teamworking and Interpersonal Skills
- C) Verbal Communication
- D) Written Communication
- E) Personal Planning and Organisation
- F) Initiative
- G) Numerical Reasoning
- H) Information Literacy and ICT Skills

Further information about Graduate Skills can be found at:

[http://www.ljmu.ac.uk/Academic\\_Enhancement/Academic\\_Enhancement\\_Docs/Graduate\\_skills\\_Table.pdf](http://www.ljmu.ac.uk/Academic_Enhancement/Academic_Enhancement_Docs/Graduate_skills_Table.pdf)

# Programme structure - programme rules and modules

## Programme rules

The programme is offered on a full-time, part-time and sandwich basis. Entry to the course can be at level 4 or level 5 for suitably qualified candidates. Exceptionally entry to level 6 can also be achieved if stringent entry requirements are met.

For students on a sandwich course the industrial training year takes place at the end of level 5. Employment on industrial placement must be for a minimum of 40 weeks with an approved quantity surveying company. Each student is allocated an industrial training tutor, who visits them in their work place and monitors their progress. Progression to level 6, for sandwich students, is dependent on submission of an acceptable industrial training report.

For part-time students attendance is normally for one full day per week, plus a number of days of laboratory and field work.

Students must normally pass all modules at a level before progression is permitted.

Each academic year consists of two semesters (September to December and January to May).

All modules are core (compulsory). Credit must be attained from all the core modules detailed below to achieve the BSc(Hons) Quantity Surveying, which is the only award that is accredited by the RICS.

Students who do not attain credit from all the modules may be eligible for alternative exit awards. These fallback awards, which do not recruit directly, are not accredited by the RICS. Learning outcomes will differ to some extent from those specified for the BSc(Hons) Quantity Surveying.

Level 6	Potential Awards on completion	Bachelor of Science with Honours (SW)
Core	Option	Award Requirements
6108BEUG CONSTRUCTION LAW AND PROCUREMENT STRATEGIES (24 credits) 6112BEUG DISSERTATION (24 credits) 6115BEUG MEASUREMENT AND COSTING STUDIES 3 (24 credits) 6118BEUG PROJECT FINANCIAL MANAGEMENT (24 credits) 6120BEUG QUANTITY SURVEYING TECHNOLOGY PROJECT (24 credits)		120 core credits at level 6 0 option credits at level 6

Level 5	Potential Awards on completion	
Core	Option	Award Requirements
5105BEUG CONSTRUCTION CONTRACTS & PROCUREMENT (24 credits) 5108BEUG CONSTRUCTION TECHNOLOGY & PRACTICE (24 credits) 5117BEUG MEASUREMENT & COSTING STUDIES 2 (24 credits) 5120BEUG PROPERTY ECONOMICS & MANAGEMENT (24 credits) 5121BEUG QUANTITY SURVEYING PROJECT 2 (24 credits)		120 core credits at level 5 0 option credits at level 5

Level 4	Potential Awards on completion	
Core	Option	Award Requirements
4103BEUG CONSTRUCTION ECONOMICS AND MANAGEMENT (24 credits) 4106BEUG CONSTRUCTION TECHNOLOGY AND SERVICES 1 (24 credits)		120 core credits at level 4 0 option credits at level 4

4112BEUG LAW AND PROCUREMENT SYSTEMS (24 credits) 4113BEUG MEASUREMENT AND COSTING STUDIES 1 (24 credits) 4116BEUG QUANTITY SURVEYING PROJECT 1 (24 credits)		
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## 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)

The industrial training year provides a work based learning opportunity for students studying the programme in sandwich mode.

The programme has active links with industry and involves employers in the industrial projects at each level of the programme as part of the Graduate Skills programme. Real world case studies are used wherever possible.

[http://www.ljmu.ac.uk/Academic\\_Enhancement/Academic\\_Enhancement\\_Docs/Graduate\\_skills\\_Table.pdf](http://www.ljmu.ac.uk/Academic_Enhancement/Academic_Enhancement_Docs/Graduate_skills_Table.pdf)

## Criteria for admission

### A/AS Level

270 points: minimum two A2 levels

### Irish Leaving Certificate

Level 4: 270 UCAS points; minimum 3 subjects at Higher level.

### Scottish Higher

Level 4: 270 UCAS points; minimum 2 subjects at Advanced Higher level.

### International Baccalaureate

Level 4: 24 IB points.

### Higher national diploma

HNC/HND (Non-cognate) Level 4 Entry: Pass

HNC/HND (Cognate) Level 4 Entry: Pass

Level 5 Entry: Pass with Merits in all H2 units.

### Other

Foundation degree (cognate)

Level 4: 240 credits, mean less than 60%

Level 5: 240 credits, mean 60% or more.

### Alternative Routes

A number of other qualifications are given an A-level points equivalence by the RICS (the professional body accrediting the three programmes) and applicants with these qualifications may also be considered for entry. The RICS will also allow the programme team to accept 25% of the cohort without the designated entry requirements, but this mode of entry can only be considered after the number of students with the correct A level equivalent has been confirmed.

As the status and equivalence of alternative qualifications is subject to regular updating and revision by the RICS, applicants are advised to consult the School Admissions Team for an individual assessment of their position.

### Mature entry

Mature students can be awarded entry if the Programme's Admissions Tutor deems them suitable. The definition of a mature student is not age related but is related to experience in the industry.

### Overseas qualifications

Overseas student applicants must have the equivalent qualifications as UK students. In addition they must have achieved an IELTS score of at least 6.

## 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](http://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.*