

PROGRAMME SPECIFICATION

Bachelor of Science with Honours in Building Surveying

Awarding institution	Liverpool John Moores University
Teaching institution	LJMU
UCAS Code	K230
JACS Code	K200
Programme Duration	Full-Time: 3 Years, Sandwich Thick: 4 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) Chartered Association of Building Engineers (CABE)
Description of accreditation	RICS - http://www.ricscourses.org/Course/# Partnership agreement - reviewed annually CABE - https://www.cbuide.com/careers/accredited-universities/list-of-accredited-
Validated target and alternative exit awards	Bachelor of Science with Honours in Building Surveying Bachelor of Science with Honours (SW) in Building Surveying Diploma of Higher Education in Building Surveying Diploma in Higher Education (SW) in Building Surveying Certificate of Higher Education in Building Surveying
Programme Leader	Steven Fowles

Educational aims of the programme

To provide students with an international, national and local understanding and appreciation of the building surveying discipline. Traditionally, a building surveyor's main area of expertise has been in property refurbishment and conservation, but nowadays they are also involved in building design, management, maintenance, and surveys – the whole life-cycle of a building, in fact. As such, they work with a range of people, from building owners and occupiers to builders, planners, lawyers and service engineers, so not only do they need to be technically competent but practical as well, and capable of giving advice on subjects as diverse as repair diagnosis to building design to legal representation in court.

To provide fundamental knowledge in four key areas: technical knowledge such as building construction, building defects, science and materials; design practice knowledge which covers industry software application and utilisation, refurbishment projects, sustainability projects, building conservation; management knowledge including lifecycle management, asset management, strategic planning, and professional practice; and legal knowledge, including general law, property law, health and safety law.

To provide project tasks that simulate real working practices in a collaborative environment, giving students the knowledge and practical skills to launch a career as a building surveyor.

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

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

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

For students undertaking a placement year, the aim is to provide students with an extended period of work experience at an approved partner that will complement their programme of study at LJMU. This will give the students the opportunity to develop professional skills relevant to their programme of study, as well as attitude and behaviours necessary for employment in a diverse and changing environment.

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 Building 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 Building 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 Building 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 Building Surveying

Demonstrate an understanding of the limits of their knowledge, and how this influences analyses and interpretations based on that knowledge

A student who successfully completes a placement year will be eligible for the Sandwich award and will, in addition to the above, be able to demonstrate the professional and personal skills necessary for effective employment within a professional environment.

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 Building Surveying
2. Demonstrate knowledge and understanding of the building environment to ensure it is safe and secure, fit for purpose, and legally compliant
3. Have an appreciation for the technology associated with the structure, fabric and materials of buildings and their associated elements
4. Demonstrate application and knowledge of surveying methods in order to systematically detect building defects and propose appropriate remediation options
5. Have comprehensive understanding of the role and utilisation of the physical asset and the changing nature of a buildings functionality and sophistication
6. Demonstrate knowledge and understanding of procurement and contract practice in relation to Building Surveying
7. Have a comprehensive understanding of the strategic aspects of corporate real estate through appreciating and the changing nature of the assets within it
8. Demonstrate an appreciation for the interaction between people and buildings, including their health, productivity, sustainability, comfort, and movement
9. Demonstrate knowledge and understanding of the building lifecycle process, and apply lifecycle management and maintenance management concepts within collaborative multidisciplinary project environments
10. Demonstrate awareness and application for professional practice as a building 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. Demonstrate knowledge and understanding of the architectural significance of buildings and apply appropriate design decisions and skills
14. Analyse, synthesise, summarise and evaluate information
15. Reason, negotiate and discriminate critically
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. Produce solutions to problems through the application of subject-specific knowledge and understanding
21. Use appropriate methods for formulating and solving building surveying problems
22. Use appropriate techniques and equipment for undertaking practical activities
23. Use IT tools and systems in building surveying projects
24. Carry out appraisals of building functionality and optimisation
25. Formulate strategies that focus on international, industry, sector, and organisational standards and/or requirements.
26. Work collaboratively in groups within project environments
27. Research for information to develop and critically appraise ideas
28. Analyse data
29. Present data in a variety of ways
30. Use scientific evidence based methods in the solution of problems
31. Effectively use general and specific ICT tools and systems
32. Creatively problem solve
33. Effectively communicate, both written and verbally
34. Have self-awareness, reflection and career planning skills
35. Have time and resource management skills
36. Have awareness of needs of others, and creation of good working relationships; teamwork and leadership
37. Negotiate and make decisions effectively
38. Have entrepreneurship and creativity skills

Alternative target awards

A student who is eligible for the following awards will be able to:

Bachelor of Science with Honours (SW) in Building Surveying -

In addition to the learning outcomes above a student who is eligible for this award will be able to demonstrate the professional and personal skills necessary for effective employment within a professional environment.

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, field work, participation in projects

Examinations, assignments, preparation of reports, oral presentations, workshops, peer review, computer-based exercises, work placement reports (if applicable).

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Programme structure - programme rules and modules

The programme will offer the opportunity of 60 credits of study abroad at Level 5. Students will be enrolled on a 360 credit honours with study abroad programme. A 60 credit Level 5 study abroad module 5300BESABS will normally replace the semester 2 modules on the standard programme. This study abroad should cover the same learning outcomes as the modules being replaced. The modules to be studied in the host institution must be agreed in advance. The Level 5 mean for the final award will be calculated based upon the 120 credits at Level 5. Students have the option to undertake a placement year. The placement year, module 5200BESWBS, will follow Level 5 and students will be enrolled on a 480 credit Honours Sandwich programme. The Level 5 mean for the final award mark will be calculated based upon the 240 credits at Level 5. Students successfully completing the assessment of the placement year are eligible for the Sandwich award. Students not undertaking a placement year are registered on the non-Sandwich version of the programme and will have the opportunity of an additional study year abroad following Level 5. Students will be enrolled on a 480 credit honours with study abroad programme. Of those 480 credits, 120 will be taken via a Level 5 study abroad module 5200BESABS. The modules to be studied in the host institution must be agreed in advance. The Level 5 mean for the final award mark will be calculated based upon the 240 credits at Level 5.

Level 6	Potential Awards on completion	Bachelor of Science with Honours
Core	Option	Award Requirements
6200BEUG RESEARCH PROJECT (30 credits) 6201BEUG COLLABORATIVE INTERDISCIPLINARY PROJECT 3 (10 credits) 6202BEUG REAL ESTATE AND ASSET STRATEGY (20 credits) 6203BEUG PROJECT LIFECYCLE MANAGEMENT (20 credits) 6204BEUG PRODUCTIVE WORKPLACES (20 credits) 6205BEUG PROFESSIONAL PRACTICE (20 credits)		120 core credits at level 6 0 option credits at level 6
Level 5	Potential Awards on completion	
Core	Option	Award Requirements
5200BEUG CONSTRUCTION TECHNOLOGY 2 (20 credits) 5201BEUG PROCUREMENT AND CONTRACTS (20 credits) 5202BEUG PROPERTY LAW (20 credits) 5203BEUG RESEARCH METHODS (10 credits) 5204BEUG COLLABORATIVE INTERDISCIPLINARY PROJECT 2 (10 credits) 5205BEUG ASSET MANAGEMENT (20 credits) 5206BEUG PATHOLOGY AND INSPECTION (20 credits)		120 core credits at level 5 0 option credits at level 5
Level 4	Potential Awards on completion	
Core	Option	Award Requirements
4200BEUG CONSTRUCTION		120 core credits at level 4

TECHNOLOGY 1 (20 credits) 4201BEUG COLLABORATIVE INTERDISCIPLINARY PROJECT 1 (10 credits) 4202BEUG INTRODUCTION TO LAW (20 credits) 4204BEUG SCIENCE AND MATERIALS (20 credits) 4205BEUG ACADEMIC AND DIGITAL LITERACY (10 credits) 4206BEUG DESIGN AND SPECIFICATION (20 credits) 4207BEUG BUILDING SURVEYING IN PRACTICE (20 credits)		0 option credits at level 4
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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)

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: work placements; internships; simulations of workplace activity; and employer-driven case studies.

This programme offers a work placement year, providing 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. Real world case studies are used wherever possible.

Criteria for admission

A/AS Level

112 points: minimum two A2 levels

BTEC National Diploma

Level 4: 112 UCAS points

AVCE

112 points: minimum two A2 levels

Irish Leaving Certificate

Level 4 : 112 UCAS points; minimum 3 subjects at Higher level

Scottish Higher

Level 4 : 112 UCAS points; minimum 3 subjects at Advanced Higher level

International Baccalaureate

Level 4: 112 UCAS points

Access

Level 4: 112 UCAS points

Higher national diploma

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

HNC/HND (Cognate) Level 4 Entry: Pass

Level 5 Entry: Pass

Other

Foundation Degree (Cognate)

Level 4: 240 credits, mean less than 60% at Level 2

Level 5 240 credits, mean 60% or more at Level 2

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.

In exceptional circumstances, candidates with non-standard qualifications, may qualify for entry to the course on the basis of considerable experience deemed appropriate by the Faculty.

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 with at least 5.5 in each component for non UK/EU students

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.