

### Overview

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| Programme Code       | 35674                            |
| Programme Title      | Building Surveying               |
| Awarding Institution | Liverpool John Moores University |
| Programme Type       | Degree                           |

### Awards

| Award Type       | Award Description                      | Award Learning Outcomes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target Award     | Bachelor of Science with Honours - BSH | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Alternative Exit | Certificate of Higher Education - CHE  | 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<br>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<br>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<br>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 | Diploma of Higher Education - DHE      | 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<br>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<br>Demonstrate an understanding of the limits of their knowledge, and how his influences analyses and interpretations based on that knowledge                                                                                                             |

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| Alternate Award Names |  |
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## External Benchmarks

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| Subject Benchmark Statement | UG-Land, Construction, Real Estate and Surveying (2019) |
|-----------------------------|---------------------------------------------------------|

## Accreditation

### Programme Accredited by

| PSRB Name                                          | Type of Accreditation                                                 | Valid From Date | Valid To Date | Additional notes |
|----------------------------------------------------|-----------------------------------------------------------------------|-----------------|---------------|------------------|
| Chartered Association of Building Engineers (CABE) | Accredited by the Chartered Association of Building Engineers (CABE). |                 |               |                  |
| Royal Institution of Chartered Surveyors (RICS)    |                                                                       |                 |               |                  |

## Programme Offering(s)

| Mode of Study, Mode of Delivery | Intake Month | Teaching Institution | Programme Length Programme Length Unit |
|---------------------------------|--------------|----------------------|----------------------------------------|
| Part-Time, Face to Face         | September    | LJMU Taught          | 5 Years                                |

## Aims and Outcomes

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| Educational Aims of the Programme | <p>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.</p> |
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## Learning Outcomes

| Code | Number | Description                                                                                                                                         |
|------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| PLO1 | 1      | Demonstrate knowledge and understanding of the technological, economic, social, environmental and legal framework with regard to Building Surveying |

|       |    |                                                                                                                                                                                         |
|-------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PLO2  | 2  | Demonstrate awareness and application for professional practice as a building surveyor, including ethical responsibilities and the management and resourcing of organisations and staff |
| PLO3  | 3  | Demonstrate knowledge and application of research design and methodology, leading to the undertaking of a major independent research project                                            |
| PLO4  | 4  | Demonstrate knowledge and understanding of academic and digital literacy in order to apply academic rigour to all aspects of your study                                                 |
| PLO5  | 5  | Demonstrate knowledge and understanding of the architectural significance of buildings and apply appropriate design decisions and skills                                                |
| PLO6  | 6  | Analyse, synthesise, summarise and evaluate information                                                                                                                                 |
| PLO7  | 7  | Reason, negotiate and discriminate critically                                                                                                                                           |
| PLO8  | 8  | Identify and solve problems individually and/or collaboratively                                                                                                                         |
| PLO9  | 9  | Integrate lines of evidence from a range of sources to support findings or hypotheses                                                                                                   |
| PLO10 | 10 | Demonstrate and exercise independent thinking                                                                                                                                           |
| PLO11 | 11 | Demonstrate reflective skills                                                                                                                                                           |
| PLO12 | 12 | Demonstrate knowledge and understanding of the building environment to ensure it is safe and secure, fit for purpose, and legally compliant                                             |
| PLO13 | 13 | Produce solutions to problems through the application of subject-specific knowledge and understanding                                                                                   |
| PLO14 | 14 | Use appropriate methods for formulating and solving building surveying problems                                                                                                         |
| PLO15 | 15 | Use appropriate techniques and equipment for undertaking practical activities                                                                                                           |
| PLO16 | 16 | Use IT tools and systems in building surveying projects                                                                                                                                 |
| PLO17 | 17 | Carry out appraisals of building functionality and optimisation                                                                                                                         |
| PLO18 | 18 | Formulate strategies that focus on international, industry, sector, and organisational standards and/or requirements                                                                    |
| PLO19 | 19 | Work collaboratively in groups within project environments                                                                                                                              |
| PLO20 | 20 | Research for information to develop and critically appraise ideas                                                                                                                       |
| PLO21 | 21 | Analyse data                                                                                                                                                                            |
| PLO22 | 22 | Present data in a variety of ways                                                                                                                                                       |
| PLO23 | 23 | Have an appreciation for the technology associated with the structure, fabric and materials of buildings and their associated elements                                                  |
| PLO24 | 24 | Use scientific evidence based methods in the solution of problems                                                                                                                       |
| PLO25 | 25 | Effectively use general and specific ICT tools and systems                                                                                                                              |
| PLO26 | 26 | Creatively problem solve                                                                                                                                                                |
| PLO27 | 27 | Effectively communicate, both written and verbal                                                                                                                                        |
| PLO28 | 28 | Have self-awareness, reflection and career planning skills                                                                                                                              |
| PLO29 | 29 | Have time and resource management skills                                                                                                                                                |

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| PLO30 | 30 | Have awareness of needs of others, and creation of good working relationships; teamwork and leadership                                                                                                    |
| PLO31 | 31 | Negotiation and decision making                                                                                                                                                                           |
| PLO32 | 32 | Have entrepreneurship and creativity skills                                                                                                                                                               |
| PLO33 | 33 | Demonstrate application and knowledge of surveying methods in order to systematically detect building defects and propose appropriate remediation options                                                 |
| PLO34 | 34 | Demonstrate application and knowledge of economics and economic principles that impact upon society and the commercial marketplace.                                                                       |
| PLO35 | 35 | Demonstrate application and knowledge of project administration relevant to commercial management and quantity surveying.                                                                                 |
| PLO36 | 36 | Have a comprehensive understanding of the strategic aspects of corporate real estate through appreciating and the changing nature of the assets within it                                                 |
| PLO37 | 37 | Demonstrate an appreciation for the interaction between people and buildings, including their health, productivity, sustainability, comfort, and movement                                                 |
| PLO38 | 38 | Demonstrate knowledge and understanding of the building lifecycle process, and apply lifecycle management and maintenance management concepts within collaborative multidisciplinary project environments |

## Course Structure

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| Programme Structure Description | Part time students will study the programme over a 5-year period. The programme is designed as follows: Year 1 - 4200BEUG; 4202BEUG; 4204BEUG; 4205BEUG; Year 2 - 4201BEUG; 4206BEUG; 4207BEUG; Year 3 - 5200BEUG; 5201BEUG; 5205BEUG; 5206BEUG-Year 4 - 5202BEUG; 5203BEUG; 5204BEUG; 6203BEUG; 6204BEUG-Year 5 - 6200BEUG; 6201BEUG; 6202BEUG; 6205BEUG |
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| Programme Structure - 360 credit points                                                         |      |
|-------------------------------------------------------------------------------------------------|------|
| Level 4 - 120 credit points                                                                     |      |
| Level 4 Core - 120 credit points                                                                | CORE |
| [MODULE] 4200BEUG Construction Technology 1 Approved 2022.01 - 20 credit points                 |      |
| [MODULE] 4201BEUG Collaborative Interdisciplinary Project 1 Approved 2022.01 - 10 credit points |      |
| [MODULE] 4202BEUG Introduction to Law Approved 2022.01 - 20 credit points                       |      |
| [MODULE] 4204BEUG Science and Materials Approved 2022.01 - 20 credit points                     |      |
| [MODULE] 4205BEUG Academic and Digital Literacy Approved 2022.01 - 10 credit points             |      |
| [MODULE] 4206BEUG Design and Specification Approved 2022.01 - 20 credit points                  |      |
| [MODULE] 4207BEUG Building Surveying in Practice Approved 2022.01 - 20 credit points            |      |
| Level 5 - 120 credit points                                                                     |      |
| Level 5 Core - 120 credit points                                                                | CORE |
| [MODULE] 5200BEUG Construction Technology 2 Approved 2022.01 - 20 credit points                 |      |
| [MODULE] 5201BEUG Procurement and Contracts Approved 2022.01 - 20 credit points                 |      |
| [MODULE] 5202BEUG Property Law Approved 2022.01 - 20 credit points                              |      |
| [MODULE] 5203BEUG Research Methods Approved 2022.01 - 10 credit points                          |      |
| [MODULE] 5204BEUG Collaborative Interdisciplinary Project 2 Approved 2022.01 - 10 credit points |      |
| [MODULE] 5205BEUG Asset Management Approved 2022.01 - 20 credit points                          |      |
| [MODULE] 5206BEUG Pathology and Inspection Approved 2022.01 - 20 credit points                  |      |
| Level 6 - 120 credit points                                                                     |      |
| Level 6 Core - 120 credit points                                                                | CORE |
| [MODULE] 6200BEUG Research Project Approved 2022.01 - 30 credit points                          |      |
| [MODULE] 6201BEUG Collaborative Interdisciplinary Project 3 Approved 2022.01 - 10 credit points |      |
| [MODULE] 6202BEUG Real Estate and Asset Strategy Approved 2022.01 - 20 credit points            |      |
| [MODULE] 6203BEUG Project Lifecycle Management Approved 2022.01 - 20 credit points              |      |
| [MODULE] 6204BEUG Productive Workplaces Approved 2022.01 - 20 credit points                     |      |
| [MODULE] 6205BEUG Professional Practice Approved 2022.01 - 20 credit points                     |      |



## Teaching, Learning and Assessment

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| Teaching, Learning and Assessment | 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). 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). 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). 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). Tracking of key skills via e-portfolio. |
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## Opportunities for work related learning

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| Opportunities for work related learning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Work-related learning is included within this programme, so students will have the opportunity to engage in real world projects and activities, and apply their own practical experiences. 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. 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. |

## Entry Requirements

| Type                                  | Description                                                                                                                                                                                                     |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NVQ                                   | HNC/HND (Non-cognate) Level 4 Entry: Pass HNC/HND (Cognate) Level 4 Entry: Pass Level 5 Entry: Pass                                                                                                             |
| Alternative qualifications considered | 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                                                                                 |
| Other international requirements      | 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 |
| BTECs                                 | Level 4: 112 UCAS points                                                                                                                                                                                        |
| A levels                              | 112 points: minimum two A2 levels                                                                                                                                                                               |
| International Baccalaureate           | Level 4: 112 UCAS points                                                                                                                                                                                        |

## Programme Contacts

### Programme Leader

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| Contact Name   |
| Steffen Heinig |



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| Contact Name |
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