

Overview

Programme Code	30176
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	Identify the underlying concepts and principles associated with Building Surveying. Identify the underlying concepts and principles associated with Building Surveying. Recognise building technologies employed in the construction of domestic buildings including modern methods of construction. Recognise building technologies employed in the construction of domestic buildings including modern methods of construction. Effectively use general and specific IT tools and software in building surveying tasks and projects. Effectively use general and specific IT tools and software in building surveying tasks and projects.
Alternative Exit	Diploma of Higher Education - DHE	Identify and explain the underlying concepts and principles associated with Building Surveying. Recognise and analyse building technologies employed in the construction of domestic, industrial and commercial buildings including modern methods of construction. Recognise and analyse the pathological processes resulting in the degradation and failure of building components and materials Apply surveying methods, and summarise building surveying knowledge and skills in order to systematically detect building defects. Effectively use general and specific IT tools and software in building surveying tasks and projects. Work effectively as a member of a collaborative project group. Communicate effectively via different methods including written reports, portfolios, graphical posters and verbal presentations.

Alternate Award Names	
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External Benchmarks

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

Programme Accredited by

PSRB Name	Type of Accreditation	Valid From Date	Valid To Date	Additional notes
Royal Institution of Chartered Surveyors (RICS)	Accredited by the Royal Institution of Chartered Surveyors (RICS) for the purpose of graduate membership.			

Programme Offering(s)

Mode of Study, Mode of Delivery	Intake Month	Teaching Institution	Programme Length Programme Length Unit
Sandwich Year Out, Face to Face	September	LJMU Taught	4 Years
Full-Time, Face to Face	September	LJMU Taught	3 Years

Aims and Outcomes

Educational Aims of the Programme	To provide students with an understanding and appreciation of, and enthusiasm for the Building Surveying discipline. To provide fundamental knowledge in meeting the competency requirements for the RICS Building Surveying pathway, including technical knowledge about building construction and defects; design practice knowledge with regard to refurbishment projects; legal knowledge including contract and property law; and management and professional practice knowledge. To provide students with an appreciation of the impact of changing social, economic, legal, environmental, technological, business and political frameworks so they can make an effective contribution within a global, national and local context. To provide a well-balanced education which allows the student to achieve their 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 their intellectual, critical, analytical and reflective thinking within an evidence and research-based framework associated with the role of a building surveying professional. To produce a basis for general professional experience and to encourage consciousness of the professional, business and commercial environment, considering all regulatory aspects and working in an inclusive environment. For students undertaking a placement year, an additional aim is to provide students with an extended period of work experience with an approved employer that will complement their academic programme of study, and enable students to develop professional skills relevant for a career in building surveying.
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Learning Outcomes

Code	Number	Description
PLO1	1	Analyse and evaluate the performance requirements of buildings and facilities.
PLO2	2	Apply critical understanding and evaluation of the impact of climate change on the management, repair and maintenance of buildings and facilities.
PLO3	3	Understand and evaluate the professional and ethical frameworks associated with the development and use of buildings and facilities.
PLO4	4	Apply critical understanding and empathy of the principles and processes that deliver an inclusive environment recognising the diversity of user needs by putting people (of all ages and abilities) at the heart of the building surveying process.

PLO5	5	Apply critical understanding and evaluation of the interaction between people and buildings, including their health, productivity, sustainability, comfort, and movement.
PLO6	6	Effectively use general and specific IT tools and software in building surveying tasks and projects.
PLO7	7	Manage resources and apply time management skills in working independently to meet deadlines.
PLO8	8	Apply research design knowledge and skills to collect, analyse, evaluate and synthesise information and data as part of a major independent research project.
PLO9	9	Work effectively as a member of a collaborative project group.
PLO10	10	Communicate effectively via different methods including written reports, portfolios, graphical posters and verbal presentations.
PLO11	11	Evaluate the ethical expectations and conduct requirements of a Building Surveyor in professional practice.
PLO12	12	Describe and critically evaluate the technical factors affecting the design and construction of buildings.
PLO13	13	Recognise and evaluate the impact of differing design options in the construction of buildings.
PLO14	14	Describe and evaluate building technologies employed in the construction of domestic, industrial and commercial buildings including modern methods of construction.
PLO15	15	Recognise, analyse and evaluate the pathological processes resulting in the degradation and failure of building components and materials.
PLO16	16	Apply surveying methods, and synthesise building surveying knowledge and skills in order to systematically detect building defects.
PLO17	17	Recognise, evaluate and recommend broad approaches and options for the management, repair and maintenance of buildings and facilities.
PLO18	18	Identify and analyse the impact of legal and regulatory requirements for the effective design, construction and occupancy of buildings and facilities.
PLO19	19	Describe and analyse the socio-economic factors influencing property development, construction and building use.

Course Structure

Programme Structure Description	<p>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. This programme structure only applies to students joining level 4 of the programme from September 2022. Students who joined prior to that date will follow the previously validated programme structure.</p>
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Programme Structure - 360 credit points	
Level 4 - 120 credit points	
Level 4 Core - 120 credit points	CORE
[MODULE] 4302BEUG Principles of Economics and Management Approved 2022.01 - 20 credit points	
[MODULE] 4309BEUG Construction Technology 1 Approved 2022.01 - 20 credit points	
[MODULE] 4312BEUG Introduction to Law Approved 2022.01 - 20 credit points	
[MODULE] 4314BEUG Passive Design and Specification Approved 2022.01 - 20 credit points	
[MODULE] 4316BEUG Property Surveys Approved 2022.01 - 20 credit points	
[MODULE] 4319BEUG Science and Materials Approved 2022.01 - 20 credit points	
Level 5 - 120 credit points	
Level 5 Core - 120 credit points	CORE
[MODULE] 5307BEUG Asset Management Approved 2022.01 - 20 credit points	
[MODULE] 5313BEUG Pathology and Inspection Approved 2022.01 - 20 credit points	
[MODULE] 5316BEUG Procurement and Contracts Approved 2022.01 - 20 credit points	
[MODULE] 5324BEUG Sustainable Buildings Project Approved 2022.01 - 20 credit points	
[MODULE] 5331BEUG Property Law for Surveyors Approved 2022.01 - 20 credit points	
[MODULE] 5349BEUG Construction Technology 2 Approved 2022.01 - 20 credit points	
Optional placement - 120 credit points	OPTIONAL
Placement Year - 120 credit points	OPTIONAL
[MODULE] 5200BESWBS Sandwich Year - Building Surveying Approved 2022.01 - 120 credit points	
OR Study Abroad - 120 credit points	OPTIONAL

[MODULE] 5200BESABS Study Year Abroad - Building Surveying Approved 2022.01 - 120 credit points	
Optional Study Semester - 60 credit points	OPTIONAL
[MODULE] 5300BESABS Study Semester Abroad - Building Surveying Approved 2022.01 - 60 credit points	
Level 6 - 120 credit points	
Level 6 Core - 120 credit points	CORE
[MODULE] 6311BEUG Building Surveying Professional Practice Approved 2022.01 - 20 credit points	
[MODULE] 6312BEUG Building Surveying Professional Project Approved 2022.01 - 20 credit points	
[MODULE] 6316BEUG Productive Workplaces Approved 2022.01 - 20 credit points	
[MODULE] 6318BEUG Research Project Approved 2022.01 - 40 credit points	
[MODULE] 6319BEUG Real Estate and Asset Strategy Approved 2022.01 - 20 credit points	

Teaching, Learning and Assessment

Teaching, Learning and Assessment	Teaching sessions include lectures and tutorials; workshop sessions in a classroom or PC-lab; practical property surveying sessions on site using the exemplar houses, or off-site on an organized site visit; participation in a group project; and field work on the optional residential field trip. Assessment methods include examinations; written essays and reports; oral presentations; preparation of posters; visual designs using Revit; work placement reports (if applicable).
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Opportunities for work related learning

Opportunities for work related learning
The 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 project-based modules at levels 4, 5 and 6. Real world case studies and project scenarios are used wherever possible. For example Level 4 students typically meet built environment professionals on-site to help contextualise passive design theory with practice. Level 5 students will work on actual buildings with practitioners for the 'Sustainable Buildings Project' to analyse building performance, identify problems and recommend solutions. At Level 6 the programme team will work with the Building Surveying Industrial Liaison Panel to identify appropriate and current Building Surveying scenarios for the 'Professional Project'. The programme and wider School also has active links with the professional body (RICS) and typically students at all Levels will benefit from an organised professional body guest speakers and meetings to help prepare students for professional practice and employment.

Entry Requirements

Type	Description
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	Applicants should have or expect to obtain a total of 112 UCAS points.
International Baccalaureate	Applicants should have or expect to obtain a total of 112 UCAS points.
Alternative qualifications considered	Applicants should have five GCSE (or equivalent) passes of at least grade C including Mathematics and English.
NVQ	Applicants studying (or have completed) a HNC, HND or Foundation Degree in a relevant subject will be considered for direct entry into Level 5.
A levels	Applicants should have or expect to obtain a total of 112 UCAS points.

Programme Contacts

Programme Leader

Contact Name
Steffen Heinig

Link Tutor

Contact Name