

Overview

Programme Code	35071
Programme Title	Quantity Surveying & Cost Management
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	Diploma of Higher Education - DHE	Demonstrate knowledge and critical understanding of the well-established principles of Quantity 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 Quantity Surveying. Demonstrate an understanding of the limits of their knowledge, and how this influences analyses and interpretations based on that knowledge.
Alternative Exit	Certificate of Higher Education - CHE	Demonstrate knowledge of the underlying concepts and principles associated with Quantity 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 Quantity Surveying. Effectively use general and specific IT tools and software in quantity surveying tasks and projects.

Alternate Award Names	
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Partner Name	Partnership Type
International College IMPERIA	Supported Distance Learning

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
Chartered Association of Building Engineers (CABE)	Accredited by the Chartered Association of Building Engineers (CABE).			
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
Part-Time, Distance Learning	September	International College IMPERIA	5 Years
Full-Time, Distance Learning	September	International College IMPERIA	3 Years

Aims and Outcomes

Educational Aims of the Programme	<p>To provide students with an international, national and local understanding and appreciation of the professional discipline of Quantity Surveying and the role it has within the Architecture, Engineering and Construction sector. Quantity surveying graduates are primarily concerned with providing advice on cost planning through the lifecycle of a building adopting a value engineering approaches to calculate the cost efficiency and value of the construction and design of a project. They need to have the core skills both in hard and soft areas such as using industry standard software/ informational modelling and leadership, collaboration in teamwork and communication skills.</p> <p>To provide fundamental knowledge in meeting the competency requirements of the RICS Quantity Surveying and Construction pathway in relation to commercial management, design economics and cost planning, construction technology and environmental services, procurement and tendering, project finance, quantification and costing, contract administration, insurance, programming and planning and risk management.</p> <p>To provide a well-balanced education which allows the students to achieve their full academic potential at first degree level and in doing so to facilitate the development of independent logical thought and judgement.</p> <p>To enable the students to develop their intellectual, critical, analytical and reflective thinking within an evidence and research-based framework associated with the role of a construction professional.</p> <p>To produce a basis for general professional experience and to encourage a consciousness of the professional, business and commercial environment considering all regulatory aspects and working in an inclusive environment.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>To encourage students to develop self-awareness in personal development, inclusivity, employability skills and career planning.</p> <p>To facilitate the development of transferable and employability skills and an awareness of the need to plan, develop and record lifelong learning.</p> <p>To provide a well-balanced education which allows the students to achieve their full academic potential at first degree level and in doing so to facilitate the development of independent logical thought and judgement. 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.</p>
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Learning Outcomes

Code	Number	Description
PLO1	1	Demonstrate knowledge and understanding of the mainstream technology and the resources it uses for constructing domestic, industrial, and commercial buildings and infrastructure.
PLO2	2	Demonstrate knowledge and understanding of the impact development has on the environment and health and wellbeing and the initiatives available to minimise the impact.
PLO3	3	Demonstrate the ability to measure and quantify to support the design process, produce project information and to apply appropriate commercial management techniques to projects.
PLO4	4	Demonstrate comprehensive knowledge and understanding of time, cost, quality, and value drivers affecting the life cycle of a project.
PLO5	5	Demonstrate knowledge and understanding of the legal and regulatory frameworks and systems impacting on the design and construction of buildings, and the principles of procurement and contract administration.
PLO6	6	Demonstrate knowledge and understanding of digital technologies that support the construction process and the management of costs and value.

PLO7	7	Demonstrate knowledge and understanding recognise the roles of other professionals and parties associated with construction, property and surveying throughout a building's life cycle and be aware of the benefits of collaborative practice including equality, diversity, inclusivity, professionalism, and ethics.
PLO8	8	Demonstrate knowledge and understanding recognise the importance of professional ethics, their impact on the operation of the profession and their influence on society, conflict avoidance/dispute resolution, communities, and the stakeholders with whom they have contact.
PLO9	9	Demonstrate an understanding 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 commercial management and quantity surveying process.
PLO10	10	Demonstrate knowledge and understanding of academic and digital literacy in order to apply academic rigour to all aspects of your study.
PLO11	11	Demonstrate knowledge and application of research design and methodology, leading to the undertaking of a significant independent research project.
PLO12	12	Analyse, synthesise, and evaluate information from a range of sources to solve problems and support findings or hypotheses.
PLO13	13	Reason, negotiate and discriminate critically and articulate and engage in intellectual debate.
PLO14	14	Reflect on situations, oneself and on their lifelong learning and development.
PLO15	15	Demonstrate and exercise independent thinking and produce solutions to problems through the application of subject-specific knowledge and understanding.
PLO16	16	Identify and solve problems individually and/or collaboratively.
PLO17	17	Use appropriate techniques, digital tools, and applications to generate, manage, and collaborate on project information.
PLO18	18	Work collaboratively within construction project environments recognising equality, diversity, and inclusion in all its forms.
PLO19	19	Manipulate and sort data and present in a variety of ways.
PLO20	20	Use both general and industry standard digital tools with an awareness of the safe, ethical, and legal use of digital media.
PLO21	21	Use creativity and innovation in problem solving.
PLO22	22	Work with limited or contradictory information.
PLO23	23	Effectively communicate, through a variety of media.
PLO24	24	Manage time and resources.
PLO25	25	Appreciate and be aware of the needs of others and create good working relationships through teamwork and leadership.

Course Structure

Programme Structure Description	<p>Credit must be attained from all the core modules detailed below to achieve the BSc(Hons) Quantity Surveying and Cost Management, which is the award accredited by the RICS. Students who do not attain credit from all the modules may be eligible for alternative exit awards. These alternative exit awards, which do not recruit directly, are not accredited by the RICS.</p> <p>This programme structure will only apply to students joining the programme from September 2022 onwards - students joining before that date will follow the previously validated structure.</p>
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Programme Structure - 360 credit points	
Level 4 - 120 credit points	
Level 4 Core - 120 credit points	CORE
[MODULE] 4501BEKL Quantity Surveyor in a Project Environment Approved 2022.01 - 20 credit points	
[MODULE] 4502BEKL Principles of Economics and Management Approved 2022.01 - 20 credit points	
[MODULE] 4504BEKL Measurement I Approved 2022.01 - 20 credit points	
[MODULE] 4505BEKL Digital Built Environment Approved 2022.01 - 20 credit points	
[MODULE] 4534BEKL Introduction to Law Approved 2022.01 - 20 credit points	
[MODULE] 4543BEKL Construction Technology 1 Approved 2022.01 - 20 credit points	
Level 5 - 120 credit points	
Level 5 Core - 120 credit points	CORE
[MODULE] 5501BEKL Construction Contract Practice Approved 2022.01 - 20 credit points	
[MODULE] 5503BEKL Measurement II Approved 2022.01 - 20 credit points	
[MODULE] 5509BEKL Design Economics and Project Lifecycle Value Approved 2022.01 - 20 credit points	
[MODULE] 5510BEKL Construction Procurement Approved 2022.01 - 20 credit points	
[MODULE] 5511BEKL Project Planning and Control Approved 2022.01 - 20 credit points	
[MODULE] 5551BEKL Construction Technology 2 Approved 2022.01 - 20 credit points	
Level 6 - 120 credit points	
Level 6 Core - 120 credit points	CORE
[MODULE] 6500BEKL Construction Research Project Approved 2022.01 - 40 credit points	
[MODULE] 6501BEKL Risk Management Approved 2022.01 - 20 credit points	
[MODULE] 6502BEKL Business Management and Entrepreneurship Approved 2022.01 - 20 credit points	
[MODULE] 6503BEKL Project Finance Approved 2022.01 - 20 credit points	
[MODULE] 6504BEKL Measurement III Approved 2022.01 - 20 credit points	

Teaching, Learning and Assessment

Teaching, Learning and Assessment	<p>The methods used to enable outcomes to be achieved and demonstrated are as follows: 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.</p> <p>Assessment methods include examinations; written essays and reports; oral presentations; preparation of posters; visual designs using adequate software; work placement reports (if applicable).</p>
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Opportunities for work related learning

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<p>Work-related learning is included within this programme, so students will have the opportunity to engage in real world projects and activities. In doing so, students will be able to apply and further develop their knowledge and employability skills in a 'world of work' context.</p> <p>Having experience of the workplace and current issues is incredibly valuable in developing career aims and when applying for graduate jobs.</p> <p>Work-related learning may take different forms, the most common being: internships; simulations of workplace activity; and employer-driven case studies.</p> <p>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.</p>

Entry Requirements

Type	Description
Other international requirements	<p>STPM-Minimum Grade C (2.00) in THREE(3) subjects. Foundation in related field with a minimum CGPA of 2.50 (including credit in SPM Mathematics) UEC with minimum Grade B in FIVE(5) subjects (including Mathematics, Bahasa Malaysia and English) Recognised Matriculation programme with minimum CGPA 2.50 (including a credit in SPM Mathematics) Any ONE of the following English Language Requirements or its equivalent to enter the programme: MUET: Band 3 IELTS: 5.5 PTE: 42 SPM English: Credit STPM English 914: Grade C STPM English 920: Grade D GCE 'O' Level : Credit TOEFL: 520 (paper) / 190 (computer) / 68 (internet) Advanced entry to Year 2: Students with an accredited Diploma in QS must obtain a minimum CGPA of 2.67 to be eligible for advanced entry into a QS degree programme.</p>
Alternative qualifications considered	<p>Matured students with relevant qualifications and experience, and students with a diploma in QS or related disciplines may be exempted from certain subjects and maybe given advanced entry, the duration of which may be decided based on the previous programme attended, qualifications and grades achieved and / or the number of years of relevant experience held. These students are to be assessed on a case by case basis in accordance with the latest BQSM requirements particularly Preambles of the List of Accredited Qualifications and Guidelines of Advanced Entry.</p>
A levels	<p>A-level minimum Grade D in THREE(3) subjects (including Mathematics)</p>

Programme Contacts

Programme Leader

Contact Name
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Link Tutor

Contact Name
Michael Farragher