

Quantity Surveying

Programme Information

2022.01, Approved

Overview

Programme Code	36511
Programme Title	Quantity Surveying
Awarding Institution	Liverpool John Moores University
Programme Type	Top-up

Awards

Award Type	Award Description	Award Learning Outcomes
Target Award	Bachelor of Science with Honours - BSH	N/A

Alternate Award Names	
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External Benchmarks

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

Educational Aims of the Programme	<p>To provide fundamental knowledge in and develop an advanced understanding of the theory and practice of construction technology, law, procurement, construction contracts, measurement, construction management, financial management, business management, information technology and project management in the wider business and built environment sectors. To provide opportunities for the critical appreciation and understanding of the significant factors constraining the effective management and development of the built environment, e.g. physical, legal, economic, sustainable and technological factors. To provide opportunities for individual student-centred study on project tasks that simulate real working practices in order to develop analytical, critical and problem solving skills such that they can define, investigate and analyse problems, form judgements, make decisions and demonstrate the acquisition of such qualities. 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 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 produce a basis for general professional experience and to encourage a consciousness of the professional, business and commercial environment. To provide opportunities to work in a multidisciplinary environment to facilitate decision making in the lifecycle of a project. To prepare students for the transition from Higher Education to employment within a professional context; and develop those transferable, specialist and employability skills that all stakeholders could reasonably expect of students who successfully complete a Quantity Surveying programme. To encourage students to develop self-awareness in personal development and career planning and facilitate an awareness of the need to plan, develop and record lifelong learning.</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 quantity surveying.
PLO2	2	Demonstrate awareness and application for professional practice as a quantity 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 rigor to all aspects of your study.
PLO5	5	Analyse, synthesise, summarise and evaluate information.
PLO6	6	Reason, negotiate and discriminate critically.
PLO7	7	Produce solutions to problems through the application of subject-specific knowledge and understanding.
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 of construction technology and building services, to support the understanding of how building and civil engineering projects are constructed.

PLO13	13	Use appropriate methods for formulating and solving quantity surveying problems.
PLO14	14	Use appropriate techniques and equipment for undertaking practical activities.
PLO15	15	Use IT tools and systems in quantity surveying projects.
PLO16	16	Formulate strategies that focus on international, industry, sector, and organisational standards and/or requirements.
PLO17	17	Develop and select appropriate procurement and contractual arrangements.
PLO18	18	Use information and communication technology to generate and manage project information.
PLO19	19	Adopt and select appropriate management and business strategies as appropriate to their role.
PLO20	20	Produce financial management documentation over the life cycle of a project.
PLO21	21	Work collaboratively in groups within project environments.
PLO22	22	Research for information to develop and critically appraise idea.
PLO23	23	Demonstrate application and knowledge of the principles of management and construction business analysis.
PLO24	24	Analyse data.
PLO25	25	Present data in a variety of ways.
PLO26	26	Use scientific evidence based methods in the solution of problems.
PLO27	27	Effectively use general and specific ICT tools and systems.
PLO28	28	Demonstrate creative problem solving skills.
PLO29	29	Communicate effectively in both written and verbal form.
PLO30	30	Demonstrate self-awareness, reflection and career planning skills.
PLO31	31	Demonstrate time and resource management skills.
PLO32	32	Demonstrate an awareness of the needs of others to create good working relationships including teamwork and leadership skills.
PLO33	33	Demonstrate negotiation and decision making skills.
PLO34	34	Demonstrate knowledge of law as it relates to the construction industry.
PLO35	35	Demonstrate application and knowledge of economics and economic principles that impact upon society and the commercial marketplace.
PLO36	36	Demonstrate application and knowledge of project administration relevant to commercial management and quantity surveying.
PLO37	37	Demonstrate application and knowledge of information technology and systems that facilitate the electronic marketplace and the role of the quantity surveyor.
PLO38	38	Demonstrate knowledge and understanding of procurement and contract law in relation to quantity surveying.
PLO39	39	Demonstrate application and knowledge of financial management during the building lifecycle process.

Course Structure

Programme Structure Description	This BSc (Hons) Quantity Surveying programme exists as a level 6 progression award for students progressing from the Higher National Diploma in Quantity Surveying awarded by ICBT Campus, or after 2021 the Higher Diploma in Quantity Surveying which is validated by LJMU and delivered by ICBT. Students that have studied similar awards at other institutions will be considered for entry to the programme if they are deemed to have the equivalent learning that can be achieved via the ICBT awards. ICBT will map these awards and LJMU will consider awarding RPL for levels 4 and 5 based on these applications. If successfully mapped, students will be allowed entry to the level 6 top up programme. The award of BSc (Hons) in Quantity Surveying requires 120 credits at level 6.
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Programme Structure - 120 credit points	
Level 6 - 120 credit points	
Level 6 Core - 120 credit points	CORE
[MODULE] 6500ICBTQT Research Project Approved 2022.01 - 30 credit points	
[MODULE] 6501ICBTQT Advanced Research Methods Approved 2022.01 - 10 credit points	
[MODULE] 6502ICBTQT Contract and Procurement Strategies Approved 2022.01 - 20 credit points	
[MODULE] 6503ICBTQT Engineering Measurement Approved 2022.01 - 20 credit points	
[MODULE] 6504ICBTQT Project Economics and Management Approved 2022.01 - 20 credit points	
[MODULE] 6505ICBTQT Business Management and Entrepreneurship Approved 2022.01 - 20 credit points	

Teaching, Learning and Assessment

Teaching, Learning and Assessment	Teaching will take place in the form of lectures, tutorials, problem solving sessions, seminars, workshops, computer sessions. Assessments will take the form of examinations, assignments, preparation of reports, essays, technological reports, oral presentations, workshops, computer-based exercises.
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Entry Requirements

Type	Description
Other international requirements	Higher National Diploma or Higher Diploma in Quantity Surveying as awarded by ICBT. Admission from other cognate qualifications, mapped against the LJMU Higher Diploma programme delivered by ICBT and validated by LJMU, specification no. 30847, will be considered under the LJMU RPEL procedures.
Alternative qualifications considered	English language proficiency equivalent top grade C GCSE.

Programme Contacts

Programme Leader

Contact Name

Link Tutor

Contact Name
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