

Quantity Surveying

Programme Information

2022.01, Approved

Overview

Programme Code	35753
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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Partner Name	Partnership Type
Sri Lanka Institute of Information Technology	Franchised

External Benchmarks

Subject Benchmark Statement	UG-Land, Construction, Real Estate and Surveying (2019)
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Programme Offering(s)

Mode of Study, Mode of Delivery	Intake Month	Teaching Institution	Programme Length Programme Length Unit
Full-Time, Face to Face	January	Sri Lanka Institute of Information Technology	1 Years
Full-Time, Face to Face	September	Sri Lanka Institute of Information Technology	1 Years

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 collaborative and 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 rigour 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 of 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 SLIIT. 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] 6536BESL Advanced Quantity Surveying Project Approved 2022.01 - 10 credit points	
[MODULE] 6535BESL Research Project Approved 2022.01 - 30 credit points	
[MODULE] 6537BESL Contract and Procurement Strategies Approved 2022.01 - 20 credit points	
[MODULE] 6538BESL Engineering Measurement Approved 2022.01 - 20 credit points	
[MODULE] 6539BESL Project Economics and Management Approved 2022.01 - 20 credit points	
[MODULE] 6540BESL 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
Alternative qualifications considered	Higher National Diploma in Quantity Surveying as awarded by SLIIT. Admission from other cognate qualifications, mapped against the BSc (Hons) Quantity Surveying programme, specification no. 30847, will be considered under the LJMU RPEL procedures.

Programme Contacts

Programme Leader

Contact Name

Link Tutor

Contact Name
James Hartwell