

Overview

Programme Code	31614
Programme Title	Quantity Surveying and Commercial Management
Awarding Institution	Liverpool John Moores University
Programme Type	Masters
Language of Programme	All LJMU programmes are delivered and assessed in English
Programme Leader	Onur Dursun
Link Tutor(s)	

Awards

Award Type	Award Description	Award Learning Outcomes
Target Award	Master of Science - MS	See Learning Outcomes Below
Recruitable Target	Master of Science - MS240	See Learning Outcomes Below
Alternative Exit	Postgraduate Certificate - PC	For the award of a PG Certificate, students will be able to engage with advanced levels of theories and practice in relation to the academic discipline of Quantity Surveying and Commercial Management. Explore and test appropriate research methodologies and they will be able to demonstrate appropriate levels of critical analysis, reflection and contextual awareness in focused areas of study.
Alternative Exit	Postgraduate Diploma - PD	For the award of PG Diploma, in addition to the outcomes for PG Certificate, students will be able to take an informed position in relation to the academic discipline of Quantity Surveying and Commercial Management, and they will be able to identify and apply appropriate research methodologies. Demonstrate personal skills in critical analysis, reflection and contextual awareness in a wide range of modules associated within the academic discipline of Quantity Surveying and Commercial Management

Alternate Award Names	
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External Benchmarks

Subject Benchmark Statement	PGT-Business and Management (2015)
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Accreditation

Programme Accredited by

PSRB Name	Type of Accreditation	Valid From Date	Valid To Date	Additional Notes
Chartered Institute of Building (CIOB)	Accredited by the Chartered Institute of Building (CIOB), having been judged to meet the CIOB Education Framework. Prospective members holding these qualifications have full academic exemption and may enter CIOB membership without the requirement for an Individual Assessment.			
Royal Institution of Chartered Surveyors (RICS)				

Programme Offering(s)

Mode of Study, Mode of Delivery	Intake Month	Teaching Institution	Programme Length
Full-Time, Face to Face	September	LJMU Taught	1 Years
Full-Time, Face to Face	September	LJMU Taught	2 Years

Aims and Outcomes

Educational Aims of the Programme

The overall aim of the programme is to develop advanced knowledge, understanding and intellectual and practical skills appropriate to a wide range of Quantity Surveying and Commercial Management roles in the built environment sector. This will be achieved through a stimulating and challenging study of theory, concepts and practical application in the field; ensuing in the development of self-reliant, versatile, enterprising and competent Quantity Surveying and Commercial Managers. The programme will address both the demand and supply side perspectives of construction projects and is well suited to people in other sectors of the economy who are involved in the procurement of built assets on behalf of their organisation, e.g. project sponsors in the public sector. The specific aims of the programme are: To develop an advanced understanding and knowledge of the theory and practice of procurement, construction contracts, cost management, and information technology 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 and technological factors To develop and/or extend students' exposure to the current and emerging theories and practice of Quantity Surveying and Commercial Management. To provide opportunities for collaborative and individual student-centred study in order to develop analytical, critical and problem solving skills appropriate to leading, championing and developing the use of new organisational processes that improve the Quantity Surveying and Commercial Managers practices. To encourage students to become autonomous learners.

Learning Outcomes

Code	Description
PLO1	Analyse and evaluate the contexts in which a Quantity Surveyor and Commercial Manager operate, including legal, economic, political, cultural, technological, and environmental, in a domestic and global setting.
PLO2	Identify the objectives and overall business case for the financial management of a construction project and prepare a cogent strategy and project management plan identifying how these may be achieved.
PLO3	Develop a strategic knowledge and critical appreciation of construction contract law to consider in detail its application of it to construction and engineering projects.
PLO4	Critically analyse and interpret preconstruction project data, current standard industry protocols, and post-contract procedures of the Quantity Surveying profession.
PLO5	Undertake research, including gathering and interpretation of data, developing ideas and testing hypotheses.
PLO6	Use appropriate mathematical methods for analysing problems.
PLO7	Use appropriate techniques and application of the procedure for undertaking reports with conclusive and justified recommendations.
PLO8	Use IT tools effectively, including modelling, implementation, and manipulation of relevant software packages.
PLO9	Provide comprehensive presentations using technical aids and providing information in a logical and confident manner.
PLO10	Undertake research for information to develop and critically appraise ideas.
PLO11	Manipulate, sort, present, and communicate data using adequate techniques and IT tools.

Code	Description
PLO12	Apply the required professional and ethical responsibilities of a Quantity Surveying and Commercial Management Professional.
PLO13	Use quantitative skills and IT tools to analyse data and interpret results obtained from analysis to provide evidence-based solutions to problems under study.
PLO14	Use creativity and innovation in problem-solving.
PLO15	Make decisions in challenging and unpredictable situations.
PLO16	Establish knowledge of construction types, techniques, tools, and technologies with a specific focus on sustainable construction, at the level required to perform key competencies in the Quantity Surveying and Commercial Management profession.
PLO17	Examine and evaluate the interaction of the various professional disciplines involved with Quantity Surveying and the wider Built Environment
PLO18	Understand in-depth how the design and construction process work and be confident in managing the technical, legal, and economic issues associated with the procurement and management of design and construction services.
PLO19	Analyse and critically review procurement options for building and engineering works and examine the allocation of risk within these options.
PLO20	Apply the concepts, tools, and techniques of Quantity Surveying and Commercial and Project Management together with the confidence to apply them in a practical and testing environment.
PLO21	Articulate knowledge and establish an understanding of the legal, economic, political, cultural, technological, and environmental context that impacts the management and cost of construction projects.
PLO22	Effectively work with people within a team environment, collaborate with others to deliver key outcomes, prioritise tasks, organise and lead a team.

Programme Structure

Programme Structure Description

The programme is offered in full-time. The course of study will normally be completed in one calendar year (full-time).

The Postgraduate Diploma and Postgraduate Certificate are alternative exit awards and do not recruit directly.

A total of 60 credits is required for a PG Certificate and 120 credits for a PG Diploma (excluding the dissertation).

7400BEPG Research Methods must be passed prior to the submission of the project dissertation 7401BEPG Dissertation. Students that wish to undertake an additional 60 credits to form part of a 240 credit, four-semester MSc can study the additional module 7001FETGDP. All amendments are for intake starting from the 2022-23 academic year until the next validation.

Programme Structure - 180 credit points	
Level 7 - 180 credit points	
Level 7 Core - 180 credit points	CORE
[MODULE] 7400BEPG Research Methods Approved 2022.01 - 10 credit points	
[MODULE] 7401BEPG Dissertation Approved 2022.01 - 60 credit points	
[MODULE] 7449BEPG Construction Technology Approved 2022.01 - 10 credit points	
[MODULE] 7450BEPG Sustainable Procurement Approved 2022.01 - 20 credit points	
[MODULE] 7451BEPG Construction Contract Strategy Approved 2022.01 - 20 credit points	
[MODULE] 7452BEPG Quantity Surveying Professional Practice Approved 2022.01 - 20 credit points	
[MODULE] 7453BEPG BIM Enabled Financial Management Approved 2022.01 - 20 credit points	
[MODULE] 7457BEPG Collaborative BIM Project Approved 2022.01 - 20 credit points	
Level 7 MS240 Optional - 60 credit points	OPTIONAL
[MODULE] 7001FETGDP Group Project Approved 2022.02 - 60 credit points	

Module specifications may be accessed at <https://proformas.ljmu.ac.uk/Default.aspx>

Teaching, Learning and Assessment

Core knowledge and understanding will be acquired through conventional approaches to module delivery and these will be employed throughout the programme. This will include formal keynote lectures, coursework tasks and guided independent study. Additionally, a variety of learning strategies and interventions will be employed which will require students to take an active role in their learning. This will include critical analysis of research literature and dissemination of ideas through seminars, debates and student presentations. Knowledge and understanding of the research process will be developed in a specific taught Research Methods module in which students will be inculcated with the fundamentals of a variety of research methodologies and strategies. The module culminates in a research proposal referenced to journal publications and the development of a data collection instrument development identifying data analysis strategies. Knowledge and understanding are assessed using a range of techniques which include traditional essay and report based coursework assignments and workshop presentations. Assessment methods for each module are specified in the module specifications and may include a variety of methods including formal unseen and open-book examinations, individual and group coursework, classroom tests, presentations and interviews by an industry expert. Practical case studies will be used in order to develop relevant skills and the confidence to use them. These will be carried out in small groups or individually in a workshop/seminar environment. The dissertation is a self-managed project with the support of academic staff acting as supervisors. The only formal teaching sessions will be an introduction to the module, structure and format of a research thesis and support classes on data analysis. Assessment of a student's intellectual skills will be undertaken by a variety of means. This will include an informal assessment of the ability to critically analyse relevant research literature and debate issues within confined peer groups together with the formal assessment of the dissertation submitted at the end of the programme. The acquisition of practical skills will be encouraged and developed within individual modules via workshops using relevant case studies from the industry as the teaching vehicle. There will be a major project simulation that will challenge students' practical skills and extend their ability to apply relevant quantity surveying and commercial and project management tools and techniques in a quasi-live work environment. This practical skill will be taught and developed within the Research Methods module. Following, the skills will be applied to the individual Dissertation. During the dissertation, each student will be assigned to an academic staff whose research subject aligns with the one selected by the student. The academic staff supervises the dissertation process by providing hands-off, eyes-on guidance. Students' practical skills will be assessed within discrete modules via formal coursework assignments linked to a variety of case study material. Key skills are developed throughout the programme which aims to provide students with an appropriate environment in which to acquire and develop the necessary attributes of a quantity surveyor and commercial manager and the confidence to apply them in a challenging but protective environment. The collaborative project allows the skills to be tested around a real-life industry project and will involve various forms of presentations, written, and verbal and to work collectively and individually to deadlines. Modules are assessed by a variety of methods including formal unseen and open-book examinations, individual and group coursework, classroom tests, group presentations and computer-based exercises.

Opportunities for work related learning

Work-related learning refers to activities and assignments that use the context of work to develop a student's knowledge, skills and understanding; this includes learning through the experience of work. 180 credit programme intends to deliver work-related learning elements including but not limited to professional skills, assessments based on client-based live projects, case studies, and field trips, where possible. The 60 credit project module included in the 240 credit version will be directly related to a work-based scenario.

Entry Requirements

Type	Description
Alternative qualifications considered	An Honours degree in a relevant subject with a minimum 2:2 classification or a professional qualification of equivalent standing and/or such relevant professional experience as deemed appropriate by the School.

Other international requirements	International applicants: Equivalent qualifications and plus minimum IELTS score of 6.5. Applicants who have studied and successfully achieved a UK degree within 24 months of the start of the MSc are exempt from this requirement
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Extra Entry Requirements