Course Specification

Course Summary Information		
1	**Course Title**	MSc Quantity Surveying
2	**BCU Course Code**	PT0952
3	**Awarding Institution**	Birmingham City University
4	**Teaching Institution(s)** (if different from point 3)	
5	**Professional Statutory or Regulatory Body (PSRB) accreditation** (if applicable)	Royal Institution of Chartered Surveyors (RICS) Chartered Institute of Building (CIOB)

6	**Course Description**
	On our MSc Quantity Surveying degree, you will learn how to add value to projects through demonstrating excellent knowledge and skills in managing cost and information, advancing practices and procedures, and managing risk effectively. This course is aimed at both cognate graduates with a background in architecture, engineering, construction and real estate as well as non-cognate graduates working in construction or interested in taking advantage of the excellent job opportunities in the sector but have no built environment degree, qualification or experience. Non-cognate graduates from any discipline can undertake the MSc Quantity Surveying as a conversion Master's course en route to becoming a chartered Quantity Surveyor. The course will also equip cognate graduates and professionals in architecture, engineering and construction with the skills to become industry leaders in the management of project costs. **What's covered in the course?** Accredited by RICS, CIOB and CABE, this course will develop your skills in cost and commercial management, whole life costing approaches, law and contract, risk modelling, project management and sustainability as well as business development, critical thinking, problem-solving and team collaboration. Building Information Modelling (BIM) and Building Information Management are embedded in the course for integrated project delivery and BIM cost management. Our Quantity Surveying postgraduates are highly sought-after and have secured positions with companies such as KIER, Balfour Beatty, Vinci, Gleeds, Turner & Townsend, Colas Rail, as well as working on major infrastructure projects such as HS2 and Crossrail. The MSc Quantity Surveying course will enable graduates with degrees from any discipline to enter the quantity surveying profession. Practitioners with extensive construction work experience but without a first degree will also be considered, subject to entrance exam and interview. The course also provides opportunities for graduates from diverse backgrounds including students from the UK and international students, students with limited exposure to the

	built environment, as well as students looking for mid-career development in a quantity surveying specialist area. You will learn how to ensure construction projects are delivered to the satisfaction of the client and other construction professionals and influence a better future in the built environment. You will develop knowledge and skills to meet the challenges presented by change and innovation in the sector. The course is designed to challenge you to question your current thinking and practices in the face of a rapidly changing global construction industry and develop your ability to be innovative and creative in solving unique problems. It will encourage you to engage in life-long learning and become an independent professional learner through a range of modern interactive teaching. Professional staff with industry experience will offer support and guidance. We are constantly reviewing and researching the most up-to-date construction developments to be able to pass on the latest industry knowledge. This is supported by guest speakers such as Milan Parmar for costX training, and Bala Kumar (a former international student and one of our recent graduates) who now works for Balfour Beatty Vinci on the HS2 project. We also have excellent links with companies in the region, including Rider Levett Bucknall, Willmott Dixon, Galliford Try and Birmingham City Council. The Masters in quantity surveying course is taught in the prestigious £114m Millennium Point building – part of our City Centre Campus – with technology and facilities that reflect advanced professional practice. Our City Centre Campus location is an inspirational place to learn. Birmingham's Big City Plan, regenerating and developing the city, means there are plenty of opportunities within the built environment. And you will have the added advantage of being based near construction sites, including our new Conservatoire development and the new high speed rail track, HS2, giving you invaluable insight into the construction industry. **Tailor your degree** The Professional Placement version of the course is optional and is offered as an alternative to the standard version of the course. This will allow you to complete a credit bearing, 20-week Professional Placement as an integral part of your Master's Degree. The purpose of the Professional Placement is to improve your employability skills which will, through the placement experience, allow you to evidence your professional skills, attitudes and behaviours at the point of entry to the postgraduate job market.

7	Course Awards		
7a	**Name of Final Award**	**Level**	**Credits Awarded**
	Master of Science Quantity Surveying Master of Science Quantity Surveying with Professional Placement	7 7	180 240
7b	**Exit Awards and Credits Awarded**		
	Postgraduate Certificate Quantity Surveying Postgraduate Diploma Quantity Surveying	7 7	60 120

8	Derogation from the University Regulations
	Not applicable

9	Delivery Patterns			
Mode(s) of Study	**Location(s) of Study**	**Duration of Study**	**Code(s)**
Full Time September	City Centre	12 months	PT0952
Part Time September	City Centre	20 months	PT0953
Part Time January	City Centre	28 months	PT1193
Full Time January 'with Professional Placement'	City Centre (and placement provider)	18 months	PT1331
Full Time September 'with Professional Placement'	City Centre (and placement provider)	18 months	PT1331

10	Entry Requirements
	The admission requirements for this course are stated on the course page of the BCU website at https://www.bcu.ac.uk/.

11	**Course Learning Outcomes**
1	Develop excellent skills in the application of forward-thinking approaches and state-of-the-art information technology to the roles of quantity surveying in a real life construction context.
2	Identify and apply the best practice to problems in construction projects particularly relating to the financial, commercial and contractual aspects in simulated real world situations.
3	Demonstrate in depth subject-specific knowledge in the disciplines of construction procurement, whole-life cost and commercial management, contract administration, dispute resolution, sustainable construction, project management and risk management.
4	Critically analyse subject-specific research questions and develop practical and methodological approach to answer them independently.
5	Debate logically and coherently on issues in the management of construction projects.
6	Differentiate the diverse and multiple perspectives involved in the management of construction projects.
7	Synthesise theory and practice to design / implement practical solutions.
8	Conceptualise new practice through lateral thinking.
9	Apply competently the contemporary technologies used in the management of construction projects.
10	Evaluate different options available in the management of construction projects.
11	Make incisive decisions through an explicit and systematic understanding of the political, social, cultural, economic, technological, environmental, legal and organisational factors in the management of construction projects.
12	Apply research and advanced scholarship skills to inquire into the management of construction projects.
13	Communicate in various forms coherently and comprehensibly to a diverse range of audience.
14	Work professionally and ethically with other people and contribute to team goals.
15	Access and make appropriate use of relevant materials and information.
16	Show confidence, self-awareness and self-reliance through critical reflection.

12	**Course Requirements**
12a	**Level 7:** ***In order to complete this course a student must successfully complete all the following CORE modules (totalling 180 credits):***

Module Code	Module Name	Credit Value
BNV7127	Construction Law and Contract	20
BNV7128	Cost Management	20
BNV7130	Project Management Methods	20
BNV7129	Sustainable Construction	20
BNV7126	Advanced Quantification	20
BNV7125	Integrated Project Delivery	20
BNV7200	Individual Master's Project	60

Level 6:
In order to qualify for the award of MSc Quantity Surveying with Professional Placement, a student must successfully complete all of the Level 7 modules listed above as well as the following Level 6 module:

Module Code	Module Name	Credit Value
PLA6004	Professional Placement	60

12b Structure Diagrams

Full-time mode (September intake)

Year 1 1st Semester (Sept – Dec)	Construction Law and Contract (20 credits)	Cost Management (20 credits)	Project Management Methods (20 credits)	Individual Master's Project (60 credits)
Year 1 2nd Semester (Jan – May)	Sustainable Construction (20 credits)	Advanced Quantification (20 credits)	Integrated Project Delivery (20 credits)	
Year 1 3rd Semester (Jun - Sept)				

Full-time mode (January intake)

Year 1 1st Semester (Jan – May)	Construction Law and Contract (20 credits)	Cost Management (20 credits)	Project Management Methods (20 credits)	Individual Master's Project (60 credits)
Year 1 2nd Semester (Jun – Sept)	Sustainable Construction (20 credits)	Advanced Quantification (20 credits)	Integrated Project Delivery (20 credits)	
Year 1 3rd Semester (Oct - Jan)				

Part-time mode (September intake)

Year 1 1st Semester (Sept – Dec)	Cost Management (20 credits)	Project Management Methods (20 credits)
Year 1 2nd Semester (Jan – May)	Sustainable Construction (20 credits)	Integrated Project Delivery (20 credits)
Year 2 1st Semester (Sept – Dec)	Construction Law and Contract (20 credits)	Individual Master's Project (60 Credits)
Year 2 2nd Semester (Jan – May)	Advanced Quantification (20 credits)	
Year 2 3rd Semester (May – Sept)		

Part-time mode (January intake)

Year 1 1st Semester (Jan – May)	Cost Management (20 credits)	Project Management Methods (20 credits)
Year 1 2nd Semester (Jun – Sept)	Sustainable Construction (20 credits)	Integrated Project Delivery (20 credits)
Year 2 1st Semester (Jan – May)	Construction Law and Contract (20 credits)	Individual Master's Project (60 Credits)
Year 2 2nd Semester (Jun – Sept)	Advanced Quantification (20 credits)	
Year 2 3rd Semester (Oct - Jan)		

Full-time mode with Professional Placement (September intake)

Year 1 1st Semester (Sept – Dec)	Construction Law and Contract (20 credits)	Cost Management (20 credits)	Project Management Methods (20 credits)	Individual Master's Project (60 credits)
Year 1 2nd Semester (Jan – May)	Sustainable Construction (20 credits)	Advanced Quantification (20 credits)	Integrated Project Delivery (20 credits)	
Year 1 3rd Semester (Jun - Sept)				
Year 2 1st Semester (Oct – Mar)	Professional Placement (60 credits)			

Full-time mode Professional Placement (January intake)

Year 1 1st Semester (Jan – May)	Construction Law and Contract (20 credits)	Cost Management (20 credits)	Project Management Methods (20 credits)	Individual Master's Project (60 credits)
Year 1 2nd Semester (Jun – Sept)	Sustainable Construction (20 credits)	Advanced Quantification (20 credits)	Integrated Project Delivery (20 credits)	
Year 1 3rd Semester (Oct - Jan)				
Year 2 1st Semester (Jan – Jun)	Professional Placement (60 credits)			

13 Overall Student Workload and Balance of Assessment

Overall student *workload* consists of class contact hours, independent learning and assessment activity, with each credit taken equating to a total study time of around 10 hours. While actual contact hours may depend on the optional modules selected, the following information gives an indication of how much time students will need to allocate to different activities at each level of the course.

- *Scheduled Learning* includes lectures, practical classes and workshops, contact time specified in timetable
- *Directed Learning* includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning
- *Private Study* includes preparation for exams

The *balance of assessment* by mode of assessment (e.g. coursework, exam and in-person) depends to some extent on the optional modules chosen by students. The approximate percentage of the course assessed by coursework, exam and in-person is shown below.

Level 7

Workload

30% time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	252
Directed Learning	168
Private Study	1380
Total Hours	1800

Balance of Assessment

Assessment Mode	Percentage
Coursework	95%
Exam	0%
In-Person	5%