Course Specification

Course Summary Information				
1	**Course Title**		BSc (Hons) Quantity Surveying	
2	**BCU Course Code**	**UCAS Code**	US0712	K240
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 Chartered Institute of Building	

6	**Course Description**
	Want a career in the construction industry? Study our BSc (Hons) Quantity Surveying degree course at Birmingham City University. We are an RICS-approved Partnership Centre so you can be confident that we'll prepare you for a flourishing career. With our quantity surveyor training, you will work collaboratively with tutors, practitioners, theorists and designers who will equip you with everything you need to help shape the future of the built environment. **What's covered in the course?** Today's construction industry is facing the challenges of globalisation, climate change, demanding clients and a complex regulatory framework. The growing importance of technology and integrated delivery plays an increasingly important role in the industry. This surveying degree will give you the skills to deal with these challenges and more. With innovation at the core of the course, you will learn through creative problem solving and working with our industrial partners. You'll also develop the intellectual and practical competencies required by professional bodies such as the Chartered Institute of Building (CIOB) and the Royal Institution of Chartered Surveyors (RICS). You will leave with a broad knowledge of the legal, technical, managerial, economic, social and environmental aspects of construction projects, and able to confidently manage both commercial and civil engineering projects. This course is taught by experienced staff with a wealth of industry experience. A flexible approach to delivery allows construction professionals to study alongside their professional role. You will gain expertise in cost management, procurement and quantification skills. You'll also develop expertise in risk management, costing techniques, design economics, buildability, procurement and the ability to add value. You'll also learn how to work effectively with a range of people from different construction disciplines.

	Our partnership with our professional bodies ensures our course has the best industry links, as well as relevant, up-to-date content to ensure you can pursue a successful career as a construction manager.

7	Course Awards		
7a	**Name of Final Award**	**Level**	**Credits Awarded**
	Bachelor of Science with Honours Quantity Surveying Bachelor of Science with Honours Quantity Surveying with Professional Placement Year	6 6	360 480
7b	**Exit Awards and Credits Awarded**		
	Certificate of Higher Education Quantity Surveying Diploma of Higher Education Quantity Surveying Bachelor of Science Quantity Surveying	4 5 6	120 240 300

8	Derogation from the University Regulations
	Not applicable

9	Delivery Patterns		
Mode(s) of Study	**Location**	**Duration of Study**	**Code**
Full Time	City Centre	3 years	US0712
With Professional Placement Year	City Centre	4 years	US1140
Part Time	City Centre	5 years	US0713

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/ or may be found by searching for the course entry profile located on the UCAS website.

11	**Course Learning Outcomes**
	Subject-specific knowledge and understanding
Technical	
1	Appreciate professional quantity surveying techniques and best practices relating to quantification and cost management for different project types such as residential and commercial construction and civil engineering at a project level and to company finance at an enterprise level.
2	Demonstrate awareness of the relevance and application of alternative construction methods, sustainable construction concepts, novel construction processes and advanced information technologies applied to the construction, and appraise their implications on life cycle cost, risk and decision-making.
3	Demonstrate competence in the use of electronic information handling and data processing and analysis software and applications including the use of digital information systems such as BIM and GIS and specialist software for building planning and evaluations.
4	Appreciate and analyse the multidisciplinary and complex nature of the built environment, evaluate the socio-economic, environmental, financial and other management information, political and business contexts influencing the built environment, analyse the impacts of current issues affecting the local, regional and global communities, and develop awareness of risk and a systematic approach to manage it.
5	Demonstrate awareness and understanding of the legal framework that influences the procurement, set up and manage construction and related contracts within the built environment, apply legal principles relating to health and safety and dispute resolution in managing contracts, and exercise appropriate professional integrity in conflicting circumstances.
6	Apply quantification and life cycle costing principles in the preparation of pricing documentation and cost advice, appreciate and analyse cost, financial and other project information in cost planning, cost control and risk analysis, and acquire course-specific practical and professional competencies.
Cognitive	
7	Critically analyse, synthesise, interpret and summarise information from a variety of sources and recognise and use appropriate theories, methodologies, concepts and principles from a range of subjects and collect, analyse and integrate several lines of evidence to develop balanced arguments demonstrating critical thinking and synthesis.
8	Plan and design an experiment, investigation, survey or other means to test a hypothesis or proposition and apply knowledge and understanding to address multidisciplinary problems within a local and global context.
9	Demonstrate creativity and innovation and demonstrate awareness of the provisional nature of the facts and principles associated with a field of study with those based on opinion and not supported by sound evidence.
10	Evaluate the importance of entrepreneurship and innovation including the role of intellectual property within the innovation process and awareness of risks of exploitation and the requirement for sustainable processes and outcomes and consideration of rapid and continuing change and development of the subjects and their context and its underlying foundations and principles.
11	Devise, plan and undertake field, laboratory or other investigations including those using secondary data in a responsible, sensitive and safe manner, paying due diligence to risk assessment, ethical and data protection issues, rights of access, and relevant health and safety issues.

12	Examine issues of sample selection, accuracy, precision and uncertainty during collection, recording and analysis of data in the field, in the laboratory or collated from secondary sources taking due care to mitigate the difficulties of having incomplete information on which to base decisions.
Communication	
13	Listen and observe attentively, record, evaluate and respond and/or communicate using a wide variety of information sources for example electronic, textual, numerical, verbal, visual/graphical, digital and practical field (site and building) survey based.
14	Communicate (individually or as a group) effectively, constructively, and confidently to a variety of audiences using a range of formats and employing appropriate scientific and/or professional discipline specific language.
15	Use the internet in a context which recognises its limitations as a means of communication and a source of information.
16	Demonstrate an awareness of legal, effective and safe use of digital and social media and use and interpret digital data and information to inform decision making.
Interpersonal	
17	Perform in a manner appropriate to allocated roles and responsibilities and recognise and respect the views and opinions of other team members, participate effectively in a team, set realistic targets and demonstrate willingness to resolve conflict.
18	Develop the skills necessary for self-managed lifelong learning and engagement including for example working independently, effective time management and organisational skills and appreciate the need for professional codes of conduct.
19	Recognise the moral, ethical, social and equality and inclusion issues related to the course and take up responsibility for their own actions and identify and work towards targets for personal, academic and career development.
20	Develop an adaptable and flexible approach to study and work, be able to identify individual and collective goals and demonstrate the competence, behaviour and attitude required in academic and professional working life, including initiative, reflection, leadership, resilience and team skills.

12	**Course Requirements**

12a **Level 4:**

In order to complete this course a student must successfully complete all the following CORE modules (totalling 120 credits):

Module Code	Module Name	Credit Value
BNV4106	Introduction to the Built Environment	20
BNV4103	Built Environment Technology 1	20
BNV4108	Law	20
BNV4104	Integrated Digital Design - Residential	20
BNV4121	Innovation in the Built Environment	20
BNV4102	Residential Quantification and Cost	20

Level 5:

In order to complete this course a student must successfully complete all the following CORE modules (totalling 120 credits):

Module Code	Module Name	Credit Value
BNV5119	Procurement	20
BNV5106	Cost Management	20
BNV5129	Built Environment Commercial Technology	20
BNV5120	Integrated Digital Design for Complex Structures	20
BNV5108	Commercial Management	20
BNV5107	Commercial Quantification and Cost	20

Professional Placement Year (optional)

In order to qualify for the award of Bachelor of Science with Honours Architectural Technology with Foundation Year and Professional Placement Year, a student must successfully complete all of the modules listed as well as the following Level 5 module:

Module Code	Module Name	Credit Value
PPY5004	Professional Placement	120

Level 6:

In order to complete this course a student must successfully complete all the following CORE modules (totalling 120 credits):

Module Code	Module Name	Credit Value
BNV6119	Contract Practice	20
BNV6121	Civils Quantification and Cost	20
BNV6200	Individual Honours Project	40
BNV6120	Project Management	20
BNV6205	Bid Strategy and Professional Practice	20

12b Structure Diagram

Full Time

Level 4 – Year 1

SEMESTER ONE	SEMESTER TWO
BNV4103: Built Environment Technology 1 (20 credits) BNV4106: Introduction to the Built Environment (20 credits) BNV4108: Law (20 credits)	BNV4102: Residential Quantification and Cost (20 credits) BNV4104: Integrated Digital Design (20 credits) BNV4121: Innovation in the Built Environment (20 credits)

Level 5 – Year 2

SEMESTER ONE	SEMESTER TWO
BNV5119: Procurement (20 credits) BNV5129: Built Environment Commercial Technology (20 credits) BNV5106: Cost Management (20 credits)	BNV5108: Commercial Management (20 credits) BNV5107: Commercial Quantification and Cost (20 credits) BNV5120: Integrated Digital Design for Complex Structures (20 credits)

Professional Placement Year 3 (optional) Professional Placement Module (120 credits)

Level 6 – Year 3/4

SEMESTER ONE	SEMESTER TWO
BNV6205: Bid Strategy and Professional Practice (20 credits) BNV6120: Project Management (20 credits)	BNV6121: Civils Quantification and Cost (20 credits) BNV6119: Contract Practice (20 credits)
BNV6200: Individual Honours Project (40 credits)	

Level 4 Part Time 1

SEMESTER ONE	SEMESTER TWO
BNV4106: Introduction to the Built Environment (20 credits) BNV4108: Law (20 credits)	BNV4104: Integrated Digital Design (20 credits)

Level 4 Part Time 2

SEMESTER ONE	SEMESTER TWO
BNV4103: Built Environment Technology 1 (20 credits)	BNV4102: Residential Quantification & Cost (20 credits) BNV4121: Innovation in the Built Environment (20 credits)

Level 5 Part Time 3

SEMESTER ONE	SEMESTER TWO
BNV5119: Procurement (20 credits) BNV5129: Built Environment Commercial Technology (20 credits)	BNV5108: Commercial Management (20 credits) BNV5107: Commercial Quantification and Cost (20 credits)

Level 5 Part Time 4

SEMESTER ONE	SEMESTER TWO
BNV5106: Cost Management (20 credits) BNV6120: Project Management (20 credits)	BNV6121: Civils Quantification and Cost (20 credits) BNV5120: Integrated Digital Design for Complex Structures (20 credits)

Level 6 Part Time 5

SEMESTER ONE	SEMESTER TWO
BNV6205: Bid Strategy and Professional Practice (20 credits)	BNV6119: Contract Practice (20 credits)
BNV6200: Individual Honours Project (40 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 4

Workload

24% time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	288
Directed Learning	394
Private Study	518
Total Hours	1200

Balance of Assessment

Assessment Mode	Percentage
Coursework	79%
Exam	0
In-Person	21%

Level 5

Workload

24% time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	288
Directed Learning	390
Private Study	522
Total Hours	1200

Balance of Assessment

Assessment Mode	Percentage
Coursework	91%
Exam	0
In-Person	9%

Level 6

Workload

22% time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	264
Directed Learning	366
Private Study	570
Total Hours	1200

Balance of Assessment

Assessment Mode	Percentage
Coursework	88%
Exam	0
In-Person	12%