



ACADEMIC SERVICES

PROGRAMME SPECIFICATION		
Part 1: Basic Data		
Awarding Institution	UWE	
Teaching Institution	UWE	
Delivery Location		
Faculty responsible for programme	Faculty of Environment and Technology	
Department responsible for programme	Construction and Property	
Modular Scheme Title	Undergraduate Modular Scheme	
Professional Statutory or Regulatory Body Links	RICS BQSM CICES CIOB	
Dates		
Highest Award Title	BSc (Hons) Quantity Surveying and Commercial Management	
Default Award Title		
Interim Award Titles	BSc Quantity Surveying and Commercial Management DipHE Quantity Surveying and Commercial Management CertHE Quantity Surveying and Commercial Management	
UWE Progression Route		
Mode(s) of Delivery	Full time, Sandwich, Part Time	
Codes	UCAS:KN21 ISIS2:KN21 KN21 (SW): KN2113 (FT/PT)	JACS: HESA:
Relevant QAA Subject Benchmark Statements	Construction, Property and Surveying	
CAP Approval Date	Jan 2020	
Valid From	September 2020	
Valid until Date		
Version		

Part 2: Educational Aims of the Programme
<p>Why study quantity surveying and commercial management?</p> <p>Managing finance and costs effectively is important throughout the building lifecycle, from inception to completion.</p>

Part 2: Educational Aims of the Programme

As we build new developments and manage existing ones, demand increases for professionals with the knowledge and skills to manage this process.

The building industry needs people with a good understanding of the commercial aspects of development and construction.

Why UWE Bristol?

BSc(Hons) Quantity Surveying and Commercial Management is a degree that reflects the needs of modern industry.

It's accredited by the Royal Institution of Chartered Surveyors (RICS) and Chartered Institute of Civil Engineering Surveyors (ICES), putting you on course for full membership.

This course is also available on a part-time basis so you can boost your career prospects if you're already working in the industry.

Develop your knowledge and a range of skills needed for quantity surveying and commercial management. Learn how to place these in a wider business context.

Access industry knowledge, placements and recruitment advice from our construction partner employers. Work in teams with students from other professional disciplines in a way that reflects industry.

Get free access to RICS events and workshops promoting best practice. Attend regular presentations from visiting professionals, academics and past students so you stay up-to-date with industry challenges.

Learn about different careers and approaches on day and field trips. Gain valuable skills on your placement, which may count as part of the professional development you need to achieve Chartered status.

Graduate ready to take advantage of new opportunities in the construction, civil engineering and property industries.

Where can it take me?

On graduation, you can go into a choice of careers.

These include professional quantity surveying, commercial management, project and facilities management, value and risk management and procurement management

The Chartered Surveyor Apprenticeship Standard defines the mandatory qualification requirements which all apprentices must achieve in order to complete an apprenticeship. Alongside the development of foundation and development competencies, apprentices must achieve a degree in surveying which will be stipulated by the employer and will incorporate vocational and academic elements. In this case the employer has stipulated the BSc (Hons) Quantity Surveying and Commercial Management degree, which aligns to the Consultant (Professional) Quantity Surveyor pathway named in the Apprenticeship Standard. Details of the mapping between the degree and this pathway can be found in **Appendix 2**.

This programme has been designed in collaboration with employers and provides the academic element of the Chartered Surveyor Degree Apprenticeship Standard for Quantity Surveying enabling apprentices to undertake the specified end point assessment namely the final assessment for the RICS Assessment of Professional Competence (APC).

Educational Aims

1. Provide a stimulating, high quality academic and practice-based learning experience in quantity surveying and commercial management
2. Support participants in the development of construction surveying and cost consultancy skills in the context of the Architecture and Civil Engineering Sector.

Part 2: Educational Aims of the Programme

3. Engender an inter-disciplinary approach which accounts for financial and legal considerations and the importance of the core measurement skills.
4. Develop knowledge and understanding of construction activity including its policies and procedures, constraints and enablers, and different perspectives of stakeholders and decision makers.
5. Develop knowledge and understanding of built environment practice including the international perspective, socio-eco-political theories and ethical considerations.
6. Engage with the sustainability agenda and technological aspects of the process of development including government and international initiatives.
7. Develop academic and life-long learning skills including research, presentation and data analytical skills.


Part 3: Learning Outcomes of the Programme

The Programme (Learning) Outcomes (POs) for the UWE Bristol QSCM programme are as follows:

- **PO01:** Graduates shall demonstrate the ability to use business planning in developing solutions relating to complex quantity surveying problems, design economics and risk and monitoring progress / completion using recognised review techniques.
- **PO02:** Graduates shall demonstrate an ability to use advanced inter-disciplinary communication techniques in areas such as team working, conflict avoidance and resolution and measurement.
- **PO03:** Graduates shall demonstrate the ability to critically evaluate the impact of sustainable initiatives relating to the built environment.
- **PO04:** Graduates shall demonstrate the ability to evaluate the risks associated with proposed construction technologies and programming relating to supply chain and constructability.
- **PO05:** Graduates shall demonstrate an ability to identify the opportunities and limitations of data management and evaluate their net impact.
- **PO06:** Graduates shall demonstrate the ability to critically analyse accounting principles and procedures and how measurement techniques play a key role in the commercial management of the built environment
- **PO07:** Graduates shall demonstrate an ability to reflect critically on their personal approach to ethics and how they can continually improve as well as the impact on the culture of health and safety on construction organisations.
- **PO08:** Graduates shall demonstrate an ability to conduct procurement/contract administration and an awareness of client care relating to construction environment.

Part 4: Programme Structure

This structure diagram demonstrates the student journey from Entry through to Graduation for a degree apprenticeship **student**, including: level and credit requirements; interim award requirements, module diet, including compulsory and optional modules

ENTRY 	Year 1.1	Compulsory Modules UBLMSS-30-1 Environmental Physics and Materials UBLMYS-30-1 Construction Technology and Services	Optional Modules	
	Year 1.2	Compulsory Modules UBLMVT-30-1 QS Practice and Procedure UBLMPC-30-1 Law, Economics and Management	Optional Modules	Interim Awards CertHE Quantity Surveying and Commercial Management 120 credits with at least 100 at level 1 or above
	Year 2.1	Compulsory Modules UBLMWC-30-2 QS Project UBLMYB-30-2 Construction Technology and Building Services UBLMQT-15-2 Procedures & Practice (WBL)	Optional Modules	

	Year 2.2	<p>Compulsory Modules</p> <p>UBLMRT-30-2 Procurement and Contract Practice</p> <p>UBLMG4-15-3 Workbased Research Project</p> <p>UBLMXS-15-2 Development and Design Economics</p> <p>UBLMPS-15-3 Innovation and Professionalism</p>	Optional Modules	<p>Interim Awards</p> <p>DipHE Quantity Surveying and Commercial Management</p> <p>240 credits with at least 100 at level 2 and a further 120 credits at level 1 or above</p>
	Year 3	<p>Compulsory Modules</p> <p>UBLLXW-30-3 International Management Cost</p> <p>UBLMVS-30-3 Commercial Management</p> <p>UBLLYV-30-3 Dissertation</p>	Optional Modules	<p>Interim Awards</p> <p>BSc Quantity and Commercial Management</p> <p>300 credits with at 60 credits at level 3, a further 100 credits at level 2 or above and a further 120 at level 1 or above</p>

End Point Assessment (EPA)

The end point assessment is the final assessment for the RICS Assessment of Professional Competence (APC). The APC final assessment includes the following written submissions followed by a presentation and interview:

- A 5500 word summary of experience
- A 3000 word case study
- A record of at least 48 hours per annum of Continuing Professional Development activities undertaken over a minimum of 2 years

The University's Standard Entry Requirements apply with the following additions: Students must have achieved a grade c or above in GCSE Maths and English.

Applicants with a relevant HNC/HND may have their credit recognised so that they can enter directly into year 1.2 or 2.1 of the part-time routeway (depending on merits achieved in their second year of Higher National Study). This is subject to their meeting the threshold standards required by the RICS

Local practitioners support the programme in a number of ways; through the employers' consortium as placement and graduate employers, as external examiners, as site visit hosts and as visiting lecturers. They provide guidance and support for the development of the programme. This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content and teaching, learning and assessment methods of individual modules can be found in module specifications, available on the University's website.

[QAA UK Quality Code for HE](#)

- Framework for higher education qualifications (FHEQ)
- Subject benchmark statements
- Qualification characteristics for [Foundation degrees](#) and [Master's degrees](#)

[Strategy 2020](#)

[University policies](#)

Staff research projects

Any relevant PSRB requirements

Any occupational standards

Apprenticeship [Standard](#)

Please see appendix 1 for the programme/Apprenticeship Standard mapping.

	Year One				Year Two					Year Three				
Quantity Surveying	Quantity Surveying Practice & Procedures	Construction Technology and Services	Law, Economics and Management	Building Science	Quantity Surveying Project	Procurement and Contract Practice	Construction Technology and Building Services	Development and Design Economics	Professional Practice for the Built Environment	International Construction Management	Commercial Management	Dissertation	Collaborative Practice OR Workbased Research Project	Innovation and Professionalism
Credit >>>	30	30	30	30	30	30	30	15	15	30	30	30	15	15
PO1					Y	y		Y		Y	y			y
PO2					Y				Y	Y	Y	Y	Y	Y
PO3		Y							Y	Y			Y	
PO4		Y		Y			Y			y	y			y
PO5	Y				Y					Y		Y		Y
PO6	y		y		Y			Y		Y	Y			
PO7		y						y				Y		
PO8	Y		Y		y	y		Y		y	Y			

PART C: HIGHER EDUCATION ACHIEVEMENT RECORD (HEAR) SYNOPSIS

This programme provides students with the academic and professional skills, experience and knowledge to enable effective engagement in the discipline and industries of the built and natural environment, particularly development and planning. The programme explores matters pertaining to managing change within the built and natural environment, inclusive of the implications and demands of, and perspectives on, sustainable development and the wider sustainability agenda. The programme enables the development of subject specific and transferable skills, including team working, leadership, evidence collection, evidence analysis, evidence interrogations, inter-personal skills, presentation and written skills, and the skills associated with professional practice thereby reinforcing the university's ambitions towards global citizenship by creating an environment and culture in which all students have the opportunity to develop and use the skills and understanding required to contribute to global sustainability throughout their careers

PART D: EXTERNAL REFERENCE POINTS AND BENCHMARKS

1. The programme draws on the QAA benchmark statements in Land, Construction, Real Estate and Surveying as shown in the Learning Outcomes above.
2. The programme is designed to comply with the level 6 undergraduate requirements of the Royal Institution of Chartered Surveyors.
 1. The programme is designed to meet the academic requirement of the degree apprenticeship standard.
 3. Faculty and University policies on teaching, learning and assessment.

Appendix 2: Mapping of learning outcomes from BSc (Hons) Quantity Surveying and Commercial Management to the Chartered Surveyor (Consultant (Professional) Quantity Surveyor) Apprenticeship Standard

The below table demonstrates how the degree satisfies the knowledge, skills and behaviours defined in the apprenticeship standard. Where the defined outcomes cannot be satisfied by the degree alone, the table states the methods through which the apprentice is expected to achieve them.

Core Knowledge	What is Required	Assessment method	Covered in degree (yes /no)	Module code(s)
Law	Explain the law and the role of legal advisers relating to either acquisition/disposal of property, standard forms of building contracts or other property related contracts	Examination	yes	UBLMPC-30-1
Information management	Describe the methods and techniques for providing information, data and advice to clients	Exam/Report Report Examination/ Report	yes	UBLMSS-30-1 UBLMWC-30-2 UBLLXW-30-3
Finance	Describe accounting procedures and explain methods for obtaining and managing finance	Essay Examination/ Report Examination	yes	UBLMPC-30-1 UBLLXW-30-3 UBLMXS-15-2

Health and safety	Explain how to ensure safe and secure working environments for self and others	Examination Examination/Report	yes	UBLMYS-30-1 UBLMYB-30 -2
Sustainability	Explain how to embed sustainability into projects and how to influence client behaviour	Examination Negotiation role play/report Exam/Report Examination Examination/Report	yes	UBLMP5-15-3 UBLMVS-30-3 UBLMSS-30-1 UBLMYS-30-1 UBLMYB-30 -2
Construction Technology	Describe the technology of complex buildings including materials	Exam/Report Examination Examination/Report	yes	UBLMSS-30-1 UBLMYS-30-1 UBLMYB-30 -2
Consultancy	Explain how to manage client relationships	Negotiation role play/report	yes	UBLMVS-30-3
<u>Optional Knowledge (Two Required)</u>	<u>What is Required</u>	<u>Assessment method (Degree/Log book or Other)</u>	<u>Covered in degree (yes/no)</u>	<u>Module code(s)</u>
a. Applied valuation and appraisal	Describe how to undertake complex valuations and the requirements for valuation reporting			
b. Building pathology	Describe the detailed pathology of buildings and the related defects, causes and remedies			
c. Land, property and planning law	Define how land law, the law of landlord and tenant and planning law affects the occupation, management and use of buildings and land			
d. Procurement and contracts	Explain when different forms of procurement and tendering are appropriate and the clauses of building/infrastructure contracts	Examination Examination/report Report	yes	UBLMVT-30-1 UBLMQT-30-2 UBLMVS-30-3
e. Costing and cost planning of construction works	Explain the detailed quantification and costing of construction works and the methods of cost planning that can be applied	Examination/portfolio Examination/Report Examination/Report Examination	yes	UBLMVT-30-1 UBLMWC-30-2 UBLLXW-30-3 UBLMXS-15-2
<u>Core Skills</u>	<u>What is Required</u>	<u>Assessment method</u>	<u>Covered in degree (yes/no)</u>	<u>Module code(s)</u>
Information management	Provide data, information and advice for clients relevant to the surveying discipline	Exam/Report Examination/portfolio Examination/Report Report Examination/Reports	yes	UBLMSS-30-1 UBLMVT-30-1 UBLMWC-30-2 UBLMP5-15-3 UBLLXW-30-3
Health and safety	Recommend solutions to ensure safe and secure working environments		yes	UBLMYS-30-1 UBLMYB-30 -2

				And covered by CSCS training by employer
Construction technology	Provide advice relating to the construction technology of buildings and their materials	Exam/technical proposal/portfolio Examination reports	yes	UBLMYS-30-1 UBLMYB-30 -2
Law	Negotiate and agree terms for acquisition/disposal of property, standard forms of building contracts or other property related contracts and liaise with legal advisers	Negotiation role play/report	yes	UBLMVS-30-3
Consultancy	Manage client instructions from engagement to completion		no	Provided by employer
Optional Skills (Two Required)	What is Required	Assessment method	Covered in degree (yes/no)	Module code(s)
a. Valuation and appraisal	Prepare capital and rental valuations for a range of formal and appraisal purposes and prepare client reports			
b. Building surveys	Provide advice and recommendations to clients relating to building surveys			
c. Land, property and planning law	Negotiate solutions to issues affecting both owners and occupiers of land and real estate including at least two of management, sales, lettings, purchase and/or planning			
d. Tendering and procurement	Provide advice and recommendations as to appropriate procurement routes and manage the tendering processes relevant to them	Examination Examination/report Report	yes	UBLMVT-30-1 UBLMQT-30-2 UBLMVS-30-3
e. Costing and cost planning of construction work	Undertake the detailed quantification, costing and cost planning of complex construction works	Examination/portfolio Examination/Report Examination/Report	yes	UBLMVT-30-1 UBLMWC-30-2 UBLXW-30-3
Behaviours	What is Required	Assessment method	Covered in degree (yes/no)	Module code(s)

Provide a high standard of service	Always ensure your client, or others to whom you have a professional responsibility, receive the best possible advice, support or performance of the terms of engagement you have agreed to and ensure you always give attention to detail	Examination/portfolio Examination/Report Examination/Report Report	yes	UBLMVT-30-1 UBLMWC-30-2 UBLLXW-30-3 UBLMVS-30-3
Act in a way that promotes trust in the surveying profession	Act in a manner, both in your professional life and private life, to promote you, your firm or the organisation you work for in a professional and positive way.	Business Game Examination Workbased project	yes	UBLMPC-30-1 UBLMP5-15-3 UBLMG4-15-3
Act with integrity	Always be trustworthy, open and transparent. Respect confidential information of your clients or potential clients and do not allow bias, conflict of interest or the undue influence of others to override your professional or business judgments or obligations. Always act consistently in the public interest when making decisions or providing advice.	Business Game Examination	yes	UBLMPC-30-1 UBLMP5-15-3
Treat others with respect	Treat everyone with courtesy, politeness and respect and consider cultural sensitivities and business practices.	Business Game Groupwork report	yes	UBLMPC-30-1 UBLLXW-30-3
Take responsibility	Always act with skill, care and diligence and deal with any complaint in an appropriate professional manner		yes	UBLMQT-15-2 UBLMG4-15-3