



Programme Specification

Quantity Surveying [Sep][PT][Frenchay][2yrs]

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Section 1: Key Programme Details

Part A: Programme Information

Programme title: Quantity Surveying [Sep][PT][Frenchay][2yrs]

Highest award: MSc Quantity Surveying

Interim award: PGCert Quantity Surveying

Interim award: PGDip Quantity Surveying

Awarding institution: UWE Bristol

Affiliated institutions: Not applicable

Teaching institutions: UWE Bristol

Study abroad: No

Year abroad: No

Sandwich year: No

Credit recognition: No

Department responsible for the programme: FET Dept of Architecture & Built Environ, Faculty of Environment & Technology

Contributing departments: Not applicable

Professional, statutory or regulatory bodies:

Chartered Institution of Civil Engineering Surveyors (CICES)

Royal Institution of Chartered Surveyors (RICS)

Apprenticeship: Not applicable

Mode of delivery: Part-time

Entry requirements: For the current entry requirements see the UWE public website

For implementation from: 01 September 2021

Programme code: K24A12-SEP-PT-FR-K24A12

Section 2: Programme Overview, Aims and Learning Outcomes

Part A: Programme Overview, Aims and Learning Outcomes

Overview: Managing finance and costs effectively is important throughout the building lifecycle, from inception to completion. 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.

MSc 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, 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.

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

Educational Aims: The aim of the Masters in Quantity Surveying is to deliver a structured and professionally-accredited programme of study, which primarily provides non-cognate graduates with the core technical knowledge and skills to practice as competent Quantity Surveyors, who aspire to become Chartered members of the Royal Institution of Chartered Surveyors.

The educational aim is to respond to the need for effective practitioners by offering a programme which is intellectually challenging and provides a mixture of theoretical and practical learning experiences.

The programme will:

Equip graduates to play a leading role in meeting the challenges posed by changes within the quantity surveying profession and the wider construction industry and enable them to exploit the opportunities that these changes offer.

Develop students' intellectual, analytical and problem solving skills and encourage the development of mature and independent judgment leading to effective decision making.

Provide opportunities for students to gain experience and apply their developing knowledge in the context of the professional surveyor in the construction industry.

Enable students to identify and evaluate research and innovation needs within the profession and provide support for research and associated project work.

Give students an appreciation of the objectives, activities and concerns of all participants in the development of the built environment together with a broader understanding of the economic, political, technological and social factors that influence its evolution and development.

Engender within students an attitude towards intellectual enquiry and learning which will encourage the student to consider the award as only the first stage of a life long educational process.

Ensure continued professional credibility within an academically rigorous award.

Programme Learning Outcomes:

Programme Learning Outcomes

- PO1. 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.
- PO2. Graduates shall demonstrate an ability to use advanced inter-disciplinary communication techniques in areas such as team working, conflict avoidance and resolution and measurement.
- PO3. Graduates shall demonstrate the ability to critically evaluate the impact of sustainable initiatives relating to the built environment.
- PO4. Graduates shall demonstrate the ability to evaluate the risks associated with proposed construction technologies and programming relating to supply chain and constructability.
- PO5. Graduates shall demonstrate an ability to identify the opportunities and limitations of data management and evaluate their net impact.
- PO6. 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
- PO7. 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.
- PO8. Graduates shall demonstrate and ability to conduct procurement/contract administration and an awareness of client care relating to construction environment.

Part B: Programme Structure

Year 1

Year 1 Compulsory Modules

Module Code	Module Title	Credit
UBLMVS-30-3	Commercial Management 2021-22	30
UBLM41-15-M	Construction Procurement and Law 2021-22	15
UBLLXW-30-3	International Cost Management 2021-22	30
UBLM51-15-M	Modern Methods of Construction 2021-22	15

Year 2**Year 2 Compulsory Modules**

Module Code	Module Title	Credit
UBLMGW-15-M	BIM in Design Coordination 2022-23	15
UBLM79-15-M	Construction Project Management Practice 2022-23	15
UBLLY7-60-M	Dissertation 2022-23	60

Part C: Higher Education Achievement Record (HEAR) Synopsis

Graduates are able to:

demonstrate transferable skills such as investigation, problem-solving, logical and systematic data

analysis, information management, sustainable decision making, evaluation, teamworking, interprofessional collaboration and effective communication.

examine the link between theoretical concepts, research outputs and the practice of quantity surveying.

demonstrate knowledge of construction technology, measurement, law, economics, procurement and contract management.

understand the multi-disciplinary and multi-professional nature of the context in which

quantity surveyors practice their profession

play a leading role in meeting the challenges posed by changes within the quantity surveying

profession and the wider construction industry and enable them to exploit the opportunities that these changes offer.

demonstrate the potential to become effective professional surveyors in the construction industry.

Part D: External Reference Points and Benchmarks

RICS and ICES accreditation:

The programme is within the RICS partnership and is influenced by its requirements in relation to health and safety, professional ethics as well as those academic studies required for the APC.

The recent accreditation from the Chartered Institute of Civil Engineering Surveyors recognises the strength of the course is the related civil engineering area of practice.

Research and consultancy:

Members of the School teaching on the programme are active in research and professional practice, particularly in areas such as strategic facilities management, conflict management and dispute resolution, risk and value management, supply chain management, construction innovation, web-based communication and collaboration systems and pedagogic strategies for QS education and development of interprofessional skills.

The programme draws on the benchmark statements in Construction Property and Surveying as shown in the Learning Outcomes.

The University and Faculty policies on teaching, learning and assessment.

Local and national practitioner feedback:

Local practitioners support the programme in a number of ways; through the employers' consortium as 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.

Part E: Regulations

Approved to University Regulations and Procedures