



## **Programme Specification**

### **Quantity Surveying [Sep][PT][Frenchay][3yrs]**

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## Section 1: Key Programme Details

### Part A: Programme Information

**Programme title:** Quantity Surveying [Sep][PT][Frenchay][3yrs]

**Highest award:** GradDip Quantity Surveying

**Interim award:** GradCert 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:** K24012-SEP-PT-FR-K24012

## Section 2: Programme Overview, Aims and Learning Outcomes

### Part A: Programme Overview, Aims and Learning Outcomes

**Overview:** Why study Quantity Surveying at UWE Bristol?

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.

The Graduate Diploma in Quantity Surveying is a programme that reflects the needs of modern industry. Students will develop their knowledge and a range of skills needed for quantity surveying and commercial management. Students will learn how to place these in a wider business context by accessing industry knowledge, placements and recruitment advice from our construction partner employers, and will work in teams with students from other professional disciplines in a way that reflects industry. Graduates enter a range of careers in professional quantity surveying, commercial management, project and facilities management, value and risk management and procurement management

This award is accredited by the Royal Institution of Chartered Surveyors (RICS) CICES Chartered Institute of Civil Engineering Surveyors and provides the full academic entry requirements for corporate membership. The RICS is the lead institution for construction professionals providing services based on quantity surveying and commercial management expertise.

A particular feature of the undergraduate programme at UWE is the interprofessional ethos that runs throughout the programme. These modules enable students to pool their distinctive multi-disciplinary knowledge and skills to deliver interprofessional team-driven solutions to live projects, to consider sustainable development issues

within the built environment and to encourage mutual respect for related professions. This is particularly important for the quantity surveying profession given that it has often been accused of generating conflict, rather than fostering consensus.

#### Flexible study modes

The course is offered in 2-year full-time and 3-year part-time study modes. This provides flexibility for students and ensures the strong vocational focus and relevance of the course through student and employer liaison.

Supported by staff with strong links to the RICS, professional practice and active in research.

The programme team include quantity surveying staff who are very active in the RICS and CIOB at local, national and international level, undertake professional consultancy work and are active in both professional practice and pedagogic research.

#### European / international dimension

Studies include a European and international dimension in the students' critical analysis of UK practice and procedures. Central to this is the week-long study visit to continental Europe, which is closely linked to a core integrating module. This also introduces students to international career development opportunities and makes the course more attractive and worthwhile to international students.

#### **Educational Aims:** 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
UBLMYB-30-2	Construction Technology and Building Services 2021-22	30
UBLMWC-30-2	QS Project 2021-22	30

### Year 2

#### Year 2 Compulsory Modules

Module Code	Module Title	Credit
UBLMVS-30-3	Commercial Management 2022-23	30
UBLLXW-30-3	International Cost Management 2022-23	30

### Year 3

The student must take 60 credits from the modules in Year 3.

#### Year 3 Compulsory Modules

Module Code	Module Title	Credit
UBLMGW-15-M	BIM in Design Coordination 2023-24	15

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UBLM41-15-M	Construction Procurement and Law 2023-24	15
UBLM79-15-M	Construction Project Management Practice 2023-24	15
UBLM51-15-M	Modern Methods of Construction 2023-24	15

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### **Part C: Higher Education Achievement Record (HEAR) Synopsis**

Graduates of GradDip in Quantity Surveying 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 ICESs 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 in 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 variant to University Academic Regulations and Procedures

A Graduate Diploma with merit is awarded where credit in all modules at level 3 or above is achieved within the first sit or resit and where an average of at least 60% is achieved across any combination of modules at level 3 or above totalling 75 credits or more. Such modules must have been studied and assessed under the Academic Regulations and Procedures.