



## **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:** The programme will produce graduates for the professions of quantity surveying, commercial management, construction surveying and cost consultancy who have a broad understanding and appreciation of the processes and business of development and construction. The need to develop collaborative working is particularly relevant to the modern construction industry which has to meet the challenges of low carbon construction.

**Educational Aims:** The aim of the Graduate Diploma 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:**

#### **Knowledge and Understanding**

- A1. To demonstrate an awareness of the scope and complexity of development and construction processes and an understanding of the economic, political and social factors that shape these processes
- A2. To recognise the roles and values of participants involved in the development and construction process
- A3. To enter the quantity surveying profession with an understanding of the challenges of opportunities offered by the professional work of the quantity surveyor at operational, tactical and strategic levels
- A4. To demonstrate technical and commercial awareness of the construction industry and the resources it uses together with an appreciation of construction design and its impact on the built environment
- A5. To demonstrate an understanding of the legal principles that apply to commercial law together with a critical knowledge of the principles of procurement and contract administration and their application in practice
- A6. To demonstrate an understanding of the roles of all participants in the development process throughout its life cycle

- A7. Contemporary construction procurement methods and their associated contractual arrangements
- A8. The use of IT in the construction process and its evolving strategic importance for the management of the construction process

### **Intellectual Skills**

- B1. To identify and analyse the requirements of construction industry clients and recognise the importance of cost, time, quality and value throughout the whole of the life cycle of projects
- B2. To analyse with confidence business and legal documentation affecting construction projects
- B3. To undertake research, critically evaluating business and construction information sources to support innovation and decision making
- B4. To bring a broad and ethically informed perspective, including environmental and social awareness, to bear on issues relating to their subject
- B5. To exercise ethical judgement based on a reflection and a synthesis of information and concepts

### **Subject/Professional Practice Skills**

- C1. To identify, manage and integrate construction and project information sources effectively and interpret, analyse and communicate qualitative and quantitative data
- C2. To demonstrate competence in the economic and financial management of construction projects and in the techniques which support quantity surveying and commercial management functions
- C3. To observe, describe and record accurately
- C4. To apply health and safety principles

### **Transferable Skills and other attributes**

- D1. To communicate ideas professionally, clearly and concisely in writing and orally in order to influence people's views and actions

- D2. To use management and interpersonal skills to deal with tensions, resolve conflict, negotiate tasks and build teams and an ability to communicate and negotiate effectively with clients, other professionals and commercial organisations
- D3. To demonstrate a high level of expertise in the application of IT in the context of the construction industry
- D4. To engage in deep learning through rigorous research
- D5. To work independently and as a member of a team
- D6. To work effectively with others in a range of contexts and with a broad awareness of equal opportunity issues

## Part B: Programme Structure

### Year 1

#### Year 1 Compulsory Modules

Module Code	Module Title	Credit
UBLMYB-30-2	Construction Technology and Building Services 2019-20	30
UBLMWC-30-2	QS Project 2019-20	30

### Year 2

#### Year 2 Compulsory Modules

Module Code	Module Title	Credit
UBLMVS-30-3	Commercial Management 2020-21	30
UBLLXW-30-3	International Cost Management 2020-21	30

### Year 3

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

#### Year 3 Compulsory Modules

Module Code	Module Title	Credit
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UBLMGW-15-M	BIM in Design Coordination 2021-22	15
UBLM41-15-M	Construction Procurement and Law 2021-22	15
UBLM79-15-M	Construction Project Management Practice 2021-22	15
UBLM51-15-M	Modern Methods of Construction 2021-22	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, ICES and Malaysian Board of Quantity Surveyors 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. The international strength of the course is recognised by the Malaysian Board of Quantity Surveyors whose stringent requirements were satisfied at a recent accreditation in 2011.

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.



**Part E: Regulations**

Approved to University Regulations and Procedures