



Programme Specification

Building Surveying {Apprenticeship-UWE} [Frenchay]

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Section 1: Key Programme Details

Part A: Programme Information

Programme title: Building Surveying {Apprenticeship-UWE} [Frenchay]

Highest award: BSc (Hons) Building Surveying

Interim award: BSc Building Surveying

Interim award: DipHE Building Surveying

Interim award: CertHE Building Surveying

Awarding institution: UWE Bristol

Teaching institutions: UWE Bristol

Study abroad: No

Year abroad: No

Sandwich year: No

Credit recognition: No

School responsible for the programme: CATE School of Architecture and Environment, College of Arts, Technology and Environment

Professional, statutory or regulatory bodies:

Chartered Association of Building Engineers

Chartered Institute of Building

Royal Institution of Chartered Surveyors (RICS)

Apprenticeship: ST0331

Modes of delivery: Full-time

Entry requirements:

For implementation from: 01 September 2020

Programme code: K26J43

Section 2: Programme Overview, Aims and Learning Outcomes

Part A: Programme Overview, Aims and Learning Outcomes

Overview: Why study Building Surveying?

Building surveying is a well-established exciting multi-faceted profession that involves the surveying of buildings and management of projects to maintain, restore, refurbish and adapt all buildings including: commercial, residential, high rise offices, industrial forms as well as those of specialist or historic interest.

As the construction and property industry continues to evolve and engage with new technologies and face new challenges such as sustainability and fire safety, demand for versatile highly skilled building surveyors is increasing.

Why UWE Bristol?

BSc(Hons) Building Surveying is accredited with the Royal Institute of Chartered Surveyors (RICS), Chartered Institute of Building (CIOB) and The Chartered Association of Building Engineers (CABE). These accreditations are regularly reviewed and updated by the professional bodies on a regular cycle.

You will learn to manage the design process to meet client needs from inception through to management of the finished operating building within the cycle obsolescence.

You study a broad range of areas and skills including:

Economics, business and law,

Building information modelling (BIM)

Sustainable building design and science

Construction technology and management

You will progress to specialise and explore building pathology, refurbishment project management of both residential and commercial buildings as well as the sustainable management of property and conservation of historic buildings.

The skills you develop will be applied to real-life scenarios in a work-based research project or dissertation on a specific topic of interest.

You will engage with employers who provide guest lectures, placements and recruitment advice to improve your employability on graduation. You'll get to work in teams across professional disciplines in a way that reflects industry practice.

Also, you will see first hand, new techniques and approaches during site visits and field trips. As you develop and test your skills on a placement they may be able to contribute as part of the professional development required to achieve Chartered status.

Where can it take me?

The programme is designed to support you and help you to secure positions to work for UK or global construction organisations involved in project management and building surveying professional consultancy services.

Typically opportunities relate to working in the fields of project management, property development, heritage projects, facilities and asset management.

Features of the programme: Professional recognition - This programme is accredited by the Chartered Institute of Building (CIOB) which provides exemption for all of the written examinations of the CIOB. The CIOB is the principle institution for professionals entering the construction management profession.

Optional placement year - Students are encouraged to take the sandwich option which gives a year out in approved placement and can also contribute to the 3

years of industry experience which is required before applying for professional membership of the CIOB.

Modes of Study - The programme may be studied over three years full time, four years with a practice placement (Sandwich), or five years day release from relevant employment (part time). Students may elect to transfer between modes of study.

Educational Aims: This course is designed to produce graduates who have the technical depth required by the building surveying profession while giving them the breadth required to work alongside other built environment professionals and see their role in a wider context.

Depth: The graduates will have a competency in resolving issues that arise from the technical performance and strategic management of property from inception through to obsolescence.

Breadth: The programme will produce graduates for the building surveying profession who can integrate the often-related technical, social, economic, and legal issues that inform the design, construction, ownership, occupation and management of property. The programme aims to:

1. Provide a stimulating, high quality academic and practice-based learning experience in building surveying and project management.
2. Support participants in the development of building surveying, project management and professional consultancy skills in the context of the construction and property sector.
3. Engender an inter-disciplinary approach which accounts for the client, property portfolios, legal and financial considerations and the importance of the core building surveying and project management skills.
4. Develop knowledge and understanding of the construction and property activities including its

policies, procedures, constraints and enablers, and different perspectives of stakeholders and decision makers.

5. Develop knowledge and understanding of building surveying profession within the built environment 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 and management of facilities and property including government and international initiatives.

7. Develop academic and life-long learning skills including research, presentation, pathology and critical analytical skills.

Programme Learning Outcomes:

On successful completion of this programme graduates will achieve the following learning outcomes.

Programme Learning Outcomes

- PO1. Demonstrate a practice based learning experience and knowledge of building surveying and project management using recognised surveying protocol and contract administration within the context of 'Professionalism' and adopt an interdisciplinary approach working collaboratively in accordance with the accredited professional bodies standards, guidelines and codes of ethics.
- PO2. Communicate effectively and professionally within the Built Environment Sector and adopt a collaborative approach to stakeholder engagement incorporating emerging technology such as building information modelling and associated tablet, drone and data bases and transfer methods.
- PO3. Interpret the concept of and the issues associated with sustainability, human comfort and scientific principles within the context of the building surveying profession and the sustainable agenda as well health and safety and fire safety management relating to project management of corporate client initiatives both in the UK and globally.

- PO4. Interpret the technology embedded in Buildings/Construction and the Associated Statutory Regulations including the investigation, surveying and pathology, research and evaluation of materials and components, demonstrating the ability to predict building failure, and the causes of obsolescence including those of specialist historical interest that require conservation and adaptation.
- PO5. Evaluate and Apply Legal interpretations and adopt protocol used by Building Surveying Professionals to reach professional judgements required to address a range of property portfolios including issues including for example the Facilities Management (FM), deleterious materials (with particular emphasis on Asbestos), Risk Management, Fire safety, Security, Accessibility and Diversity.
- PO6. Critically analyse, research, summarise and debate material accessed from a range of sources and in varying formats and critique a range of publications and media to formulate and present complex ideas, evaluate the quality of evidence and devise and apply strategies for research using appropriate reasoned and articulated methods using the principles of good ethical research throughout.

Assessment strategy: A variety of assessment methods are used to support you in developing the skills you will need professionally, including oral presentation, research and project reports. Project and design reports may be based on a portfolio or work completed over the session. Analytical reports will also be used as well as discursive questions in open and closed examinations.

Group projects are used to assess students' ability to integrate a variety of approaches and sources of information including some peer group assessment and oral presentations.

The ability to design and undertake research is assessed through a range of projects and finally via (Level 3) Dissertation/Project module.

Work Based Learning is assessed by analytical and reflective reports. An analytical report of fieldwork is included in the project management module.

Student support: Skills Development - The programme has been approved by the CIOB and meets the requirements of their 'Education Framework for Undergraduate

Programmes'

Inter professional ethos - There is an inter-professional core theme which runs through the course and promotes the understanding of issues between different built environment professionals. It uses group work and interdisciplinary themes to encourage more productive project relationships.

Work Based Learning - There is an opportunity for part time students in relevant employment to take 30 credits of work-based learning reflecting on their learning at work.

Part B: Programme Structure

Year 1

The student must take 60 credits from the modules in Year 1.

Year 1 Compulsory Modules

The student must take 60 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UBLMYS-30-1	Construction Technology and Services 2023-24	30
UBLMSS-30-1	Environmental Physics and Materials 2023- 24	30

Year 2

The student must take 60 credits from the modules in Year 2.

Year 2 Compulsory Modules

The student must take 60 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UBLMPC-30-1	Law, Economics and Management 2024-25	30
UBLLWV-30-1	Principles of Sustainable Design 2024-25	30

Year 3

The student must take 75 credits from the modules in Year 3.

Year 3 Compulsory Modules

The student must take 75 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UBLMYT-30-2	Residential Retrofit Project Management 2025-26	30
UBLMQT-15-2	Procedures and Practice (WBL) 2025-26	15
UBLLB1-30-2	Professional Consultancy and Contract Administration 2025-26	30

Year 4

The student must take 75 credits from the modules in Year 4.

Year 4 Compulsory Modules

The student must take 60 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UBLLG1-15-3	Building Pathology 2026-27	15
UBLMUS-30-2	Commercial Development 2026-27	30
UBLMXB-15-3	Conserving Buildings and Places 2026-27	15

Year 4 Optional Modules

Students undertake:

UBLMG4-15-3 Workbased Research Project

or if they are not in a suitable employment position to enable them to complete the learning outcomes they may undertake:

UBLMHQ-15-3 Professionalism (work Based Learning)

or

UBLMNE-15-3 Collaborative Practice

Module Code	Module Title	Credit
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UBLMNE-15-3	Collaborative Practice 2026-27	15
UBLMHQ-15-3	Professionalism (work Based Learning) 2026-27	15
UBLMG4-15-3	Work-Based Research Project 2026-27	15

Year 5

The student must take 90 credits from the modules in Year 5.

Year 5 Compulsory Modules

The student must take 90 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UBLMWS-30-3	Commercial Refurbishment 2027-28	30
UBLLYV-30-3	Dissertation A 2027-28	30
UBLLYW-30-3	Sustainable Strategies for Property Management 2027-28	30

Part C: Higher Education Achievement Record (HEAR) Synopsis

Building surveying is a well-established exciting multi-faceted profession that involves the surveying of buildings and management of projects to maintain, restore, refurbish and adapt all buildings including : commercial, residential, high rise offices, industrial forms as well as those of specialist or historic interest.

This programme is designed to produce graduates who have the technical depth required by the building surveying profession while giving them the breadth required to work alongside other built environment professionals and see their role in a wider context.

Graduates will have a competency in resolving issues that arise from the technical performance and strategic management of property from inception through to obsolescence.

Graduates will be equipped for the building surveying profession and will be able to integrate the often-related technical, social, economic, and legal issues that inform the design, construction, ownership, occupation and management of property.

Part D: External Reference Points and Benchmarks

The programme draws on the QAA benchmark statements in Land, Construction, Real Estate and Surveying as shown in the Learning Outcomes.

The programme is designed to comply with the level 6 undergraduate requirements of the Royal Institute of Chartered Surveyors, Chartered Institute of Building and the Chartered Association of Building Engineers.

The programme is designed to meet the academic requirement of the degree apprenticeship.

Faculty and University policies on teaching, learning and assessment.

Part E: Regulations

Approved to University Regulations and Procedures.