



Programme Specification

Building Surveying {Foundation} [Frenchay]

Version: 2023-24, v1.0, 22 Apr 2023

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Section 1: Key Programme Details

Part A: Programme Information

Programme title: Building Surveying {Foundation} [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: Yes

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)

Modes of delivery: Full-time, Sandwich

Entry requirements:

For implementation from: 01 September 2021

Programme code: K23B00

Section 2: Programme Overview, Aims and Learning Outcomes

Part A: Programme Overview, Aims and Learning Outcomes

Overview: 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.

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.

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. 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.

Features of the programme: Professional recognition - This programme is accredited by three Professional bodies :The Royal Institute of Building Surveyors (RICS) The Chartered Institute of Building (CIOB) and The Chartered Association of Building Engineers .The RICS is the principle institution for professionals entering the Building Surveying profession.

Placement year - Students who take the sandwich option will spend a year in an approved placement and can also contribute to the three years of industry experience which is required before applying for professional membership.

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).

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.

Specialism in Final year Modules: Both the Conserving Buildings and Places, and Commercial Refurbishment modules offer the opportunity to explore specialist areas of interest in the Building Surveying field in Historical Building and Project Management respectively.

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-economic-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: This programme employs a varied assessment strategy designed to support academic and professional knowledge and skills development.

The programme includes the following assessment formats:

Academic essays to enable students to demonstrate academic research, inquiry, reflection, and thoughtful argumentation underpinned by academic robustness.

Presentations to allow demonstration of effective communication skills, interpersonal skills, confidence, professional presentation skills, and controlled assessment consideration of knowledge and understanding, including opportunity to challenge via critical questioning.

Reports and practice based submissions to allow demonstration of professional research, inquiry, reflection, and effective argumentation underpinned by practice robustness.

Project Portfolio submissions to enable holistic assessment of both practice and professional skills, knowledge and understanding including design/visual skills.

Assessment additionally includes requirements for both independent and group-based work, supporting demonstration of personal and professional skills such as self-reliance, negotiation, mediation, advocacy, independent study, inter-personal skills, project management, and presentation skills (written, visual, and oral).

A core concept underpinning the programme is the intention to create graduates with academic and professional knowledge and understanding, but also practice competence and personal/professional skills which are fundamental in the field of building surveying. The assessment strategy is key to the enabling of this, with assessments balancing the academic needs of Higher Education study with the ability to require students to create practice orientation assessment outputs which demonstrate professional ability and demonstrate the ability to meet specific competencies.

Entwined within assessment strategy is the requirement for students to demonstrate technological skills and the use of a range of software packages such as Computer Aided Design, Building Cost Information Services and Building Information Modelling.

In summary, Part A of the appendices provides a tabulated representation of the range and variety of assessment mapping of assessment methods that are intrinsically fixed throughout the module framework, demonstrating the embodiment of the overall strategy in line with the set learning outcomes.

Student support:**Part B: Programme Structure****Year 1**

Full time and sandwich students must take 120 credits from the modules in Year 1.

Year 1 Compulsory Modules (Full Time and Sandwich)

Full time and sandwich students must take 120 credits from the modules in Compulsory Modules (Full Time and Sandwich).

Module Code	Module Title	Credit
UBLMMA-15-0	Building a Professional 2023-24	15
UBLM81-30-0	Built Environment Futures 2023-24	30
UBLMLR-30-0	Context of Design and Development 2023-24	30
UBLMWM-15-0	Foundation Engineering 2023-24	15
UBLMPA-30-0	Foundation Year Project 2023-24	30

Year 2

Full time and sandwich students must take 120 credits from the modules in Year 2.

Year 2 Compulsory Modules (Full Time and Sandwich)

Full time and sandwich students must take 120 credits from the modules in Compulsory Modules (Full Time and Sandwich).

Module Code	Module Title	Credit
UBLMYS-30-1	Construction Technology and Services 2024-25	30
UBLMSS-30-1	Environmental Physics and Materials 2024-25	30

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

Year 3

Full time and sandwich students must take 120 credits from the modules in Year 3.

Year 3 Compulsory Modules (Full Time and Sandwich)

Full time and sandwich students must take 120 credits from the modules in Compulsory Modules (Full Time and Sandwich).

Module Code	Module Title	Credit
UBLLG1-15-3	Building Pathology 2025-26	15
UBLMUS-30-2	Commercial Development 2025-26	30
UBLMYT-30-2	Residential Retrofit Project Management 2025-26	30
UBLLB1-30-2	Professional Consultancy and Contract Administration 2025-26	30
UBLMGJ-15-2	Professional Practice for the Built Environment 2025-26	15

Year 4

Full time students must take 120 credits from the modules in Year 4.
Sandwich students must take 15 credits from the modules in Year 4.

Year 4 Compulsory Modules (Full Time)

Full time students must take 120 credits from the modules in Compulsory Modules (Full Time).

Module Code	Module Title	Credit
UBLMNE-15-3	Collaborative Practice 2026-27	15
UBLMWS-30-3	Commercial Refurbishment 2026-27	30
UBLMXB-15-3	Conserving Buildings and Places 2026-27	15

UBLLYV-30-3	Dissertation A 2026-27	30
UBLLYW-30-3	Sustainable Strategies for Property Management 2026-27	30

Year 4 Compulsory Modules (Sandwich)

Sandwich students must take 15 credits from the modules in Compulsory Modules (Sandwich).

Module Code	Module Title	Credit
UBLMG4-15-3	Work-Based Research Project 2026-27	15

Year 5

Sandwich students must take 105 credits from the modules in Year 5.

Year 5 Compulsory Modules (Sandwich)

Sandwich students must take 105 credits from the modules in Compulsory Modules (Sandwich).

Module Code	Module Title	Credit
UBLMWS-30-3	Commercial Refurbishment 2027-28	30
UBLMXB-15-3	Conserving Buildings and Places 2027-28	15
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 above.

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.

It is the Award Board's responsibility to determine whether the student's attainment at level 0 is sufficient to progress to level 1.