Programme Specification

Construction Project Management {Apprenticeship-UWE} [Frenchay]

Version: 2027-28, v2.0, Validated

Contents

Section 1: Key Programme Details

Part A: Programme Information

Programme title: Construction Project Management {Apprenticeship-UWE} [Frenchay]

Highest award: BSc (Hons) Construction Project Management

Interim award: BSc Construction Project Management

Interim award: DipHE Construction Project Management

Awarding institution: UWE Bristol

Teaching institutions: UWE Bristol

Study abroad: Yes

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 Institute of Building

Royal Institution of Chartered Surveyors (RICS)

Apprenticeship: ST0047 V1.0

Modes of delivery: Full-time

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

Apprentices joining BSc (Hons) Construction Project Management would normally join 2.1 though as they complete Level 4 Construction Technician Standard; Technician status or the equivalent with the industry's recognised professional

bodies; HNC in Construction or equivalent qualifications and commensurate industry experience.

For implementation from: 01 September 2026

Programme code: K25L43

Section 2: Programme Overview, Aims and Learning Outcomes

Part A: Programme Overview, Aims and Learning Outcomes

Overview: The urgent need to support economic development in the South West and across the UK is driving an increase in large-scale construction and infrastructure projects. This is creating strong demand for professionals who not only understand construction technology and project management, but also the business and digital tools that underpin successful delivery.

BSc(Hons) Construction Project Management (CPM) is accredited by the Chartered Institute of Building (CIOB). It is designed for learners employed in the construction industry, particularly those undertaking a Degree Apprenticeship. It offers a unique opportunity to gain academic qualifications while continuing to develop professionally in the workplace.

Degree Apprentices will be able to directly relate their day-to-day work experience to the academic content, enhancing their understanding of key topics such as economics, business operations, law, building design and science, construction technology, and Building Information Modelling (BIM). Apprentices will learn to manage construction projects effectively, balancing client needs with external constraints such as regulations, budgets, and sustainability goals.

The course is structured to support work-integrated learning, with modules and assessments designed to draw on apprentices' professional context. They will undertake a work-based research project or dissertation focused on a topic relevant

to their role or employer, ensuring the academic work has real-world impact.

Learners will benefit from strong industry links, including input from construction partner employers who provide insights, mentoring, and career advice. Collaborative learning with peers from different disciplines mirrors industry practice and helps build your professional network.

Learners will gain exposure to contemporary construction practices through site visits and field trips, enriching their understanding of real-world project environments. The course is tailored to support the development of professional skills and competencies that will place learners on a clear pathway toward achieving Chartered Builder or Chartered Construction Manager status.

The course is aligned with the Construction Site Management Apprenticeship Standard, ensuring that the academic content directly supports the development of the competencies required by the standard and contributes meaningfully to the apprenticeship journey. Learners are also supported in preparing for their End Point Assessment (EPA), helping them demonstrate the knowledge, skills, and behaviours required to successfully complete their apprenticeship.

Features of the programme: Professional Recognition
This programme is accredited by the Chartered Institute of Building (CIOB). As the leading professional body for construction management, CIOB accreditation ensures that the course aligns with industry standards and supports apprentices on their journey toward Chartered Builder or Chartered Construction Manager status.

Alignment with Apprenticeship Standards
The programme is aligned with the Construction Site Management Apprenticeship Standard, ensuring that the academic content supports the development of the knowledge, skills, and behaviours required by the standard. This alignment helps apprentices meet both academic and professional expectations.

Skills Development
The programme meets the CIOB’s Education Framework for Undergraduate

Programmes, ensuring that apprentices develop the technical, managerial, and professional skills required by the industry. This alignment supports both academic progression and professional development.

Inter-professional Ethos

A core theme of inter-professional collaboration runs throughout the course, promoting understanding and cooperation between different built environment disciplines. Apprentices engage in group work and interdisciplinary projects that reflect real-world construction team dynamics, helping to build effective communication and leadership skills.

Work-Based Learning

The course is designed to integrate academic learning with workplace practice, ensuring apprentices can apply theory to real-world scenarios. Apprentices benefit from work-based learning modules that allow them to reflect on their professional experiences and relate them to academic content. These modules are designed to draw directly from their roles and responsibilities, adding relevance and depth to their learning.

Support for End Point Assessment (EPA)

The course is also tailored to support apprentices as they prepare for their End Point Assessment (EPA). Through structured learning, reflective practice, and targeted guidance, apprentices are equipped to demonstrate the required knowledge, skills, and behaviours for successful completion of their apprenticeship.

Educational Aims: The overall aims of the programme are to:

To deliver graduates with the knowledge, skills and behaviours expected to play a leading role as problem solver and decision maker in the construction management profession, which have managerial and legal challenges relating to time, quality and cost.

To provide all graduates with a deep understanding of the process of development, including the roles and responsibilities of all the stakeholders and the skills required

to successfully manage teams of mixed disciplines in the delivery of construction projects.

To enable graduates to respond to environmental and social challenges, by fully realising the critical role that the CPM profession holds in developing a sustainable built environment, including aspects such as built-to-perform construction, low-carbon buildings, zero-waste policies, sustainable procurement, quality-of-life impact factors and whole-life-cycle evaluations.

To give graduates the digital skills required to take full advantage of the opportunities provided by an industry being transformed by computerisation (Building Information Modelling), smart procurement processes and modular off-site construction methods.

To develop self-motivated graduates with the critical-thinking skills required to identify and evaluate issues where research and innovation can be utilised, in an industry undergoing significant change.

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A CPM graduate is expected to have an awareness of the issues associated with ethics in the construction industry, and to demonstrate the transformational behaviours associated with developing progressive management cultures, which can take full advantage of the opportunities that inclusive and diverse workplaces offer.

Programme Learning Outcomes:

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

Programme Learning Outcomes

PO1. Analyse complex construction project challenges using industry recognised approaches, integrating risk management with project delivery techniques.

PO2. Demonstrate leadership and interpersonal skills to collaborate effectively within diverse teams, to resolve conflicts, and to reflect on the impacts of construction psychology.

PO3. Evaluate and integrate the principles of economic, environmental and social sustainability to develop integrated project strategies that reflect responsible and sustainable construction management.

PO4. Demonstrate the ability to analyse proposed construction technologies and assess their viability and constructability to ensure both efficient and effective project delivery.

PO5. Demonstrate the ability to apply professional, ethical, and legal standards, including health and safety legislation, and fire safety regulations, to make informed decisions within construction project contexts.

PO6. Employ relevant digital technologies and professional software tools to plan, manage, and report on construction projects effectively.

PO7. Demonstrate personal and professional development through reflective practice, time management, and engagement with lifelong learning strategies supported by the ability to conduct research and evaluate key issues impacting the built environment.

PO8. Integrate academic and experiential learning to enhance employability through engagement with placements, enterprise activities, and industry networks.

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 6) 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.

Programmatic assessment design is evidenced by the way in which the learning outcomes of the programme as a whole build upon both the explicit requirement of CIOB accreditation and the industry, and the wider requirements of the Construction Sector, enabling the learner to demonstrate a holistic set of competencies, knowledge and attributes.
Assessment of these learning outcomes is viewed at a programmatic level and discussed at a team level, in order to minimise 'bunching' of assessments. Assessments are designed to be authentic and reflective of practice where ever possible, recognising that this can have a positive effect on employability and a students lifelong learning. The programme very much develops a sense of identity for the cohort, particularly as it moves into its later years.

Student support: 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.

Part B: Programme Structure

Year 1

Learners will have completed HND Level 4 training prior to registration, and will be joining the BSc(Hons) Construction Project Management programme from Year 2.1 (FHEQ Level 5) as a top up.

The learner must take 75 credits from the modules in Year 1.

Year 1 Compulsory Modules

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

Module Code	Module Title	Credit
UBLLDF-30-2	Construction Technology and Building Services 2 2027-28	30

UBLMQT-15-2	Procedures and Practice (WBL) 2027-28	15
UBLLYR-30-2	Project Management Tools and Techniques 2027-28	30

Year 2
The learner must take 75 credits from the modules in Year 2.

Year 2 Compulsory Modules
The learner must take 75 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UBLMKT-15-3	People and Financial Management 2028-29	15
UBLMRT-30-2	Procurement and Contract Practice 2028-29	30
UBLLY8-15-2	Site Management 2028-29	15
UBLMG4-15-3	Work-Based Research Project 2028-29	15

Year 3
The learner must take 90 credits from the modules in Year 3.

Year 3 Compulsory Modules
The learner must take 90 credits from the modules in Compulsory modules.

Module Code	Module Title	Credit
UBLLYV-30-3	Dissertation A 2029-30	30
UBLLXF-30-3	Strategic and Operational Management 2029-30	30
UBLMFQ-30-3	Technological Innovation and Life Cycles 2029-30	30

Part C: Higher Education Achievement Record (HEAR) Synopsis

This degree develops graduates who have the technical and managerial skills, required by the profession and the necessary the breadth of knowledge to see their

role in a wider context and work effectively alongside other professionals within the built environment. Graduates will be able to demonstrate an understanding of the contemporary issues faced by the construction industry, such as the sustainability agenda, and play a leading role in the development of appropriate construction solutions to meet the challenges posed.

During the programme there is gradual shift in focus from science, engineering and technology in the first year towards operational and strategic management in the later stages. Graduates will be able to demonstrate an understanding of the entire process of development (whole life cycle), and will have specific knowledge of the 'Production' and 'Use' phases of development. They will be able to apply their knowledge to deliver client and user satisfaction, through the effective assembly, management and development of resources through the context of the site, the project, the construction organisation and the supply network.

Construction Management graduates will have in-depth knowledge of project production management. They will be able to select and use appropriate items of surveying equipment required for the accurate setting out and control of a building. They will be able to develop operational plans, which include the co-ordination of interfaces between different trades, to ensure that projects can be conducted in an economic, safe and sustainable manner. They will also be able to identify the elements of construction contract and the obligations and responsibilities of the parties and the effect on the cost and administration of the project.

Graduates of the Commercial Management pathway will have more in-depth knowledge of the financial, legal and procurement aspects of projects and construction organisations. They will be able to develop, present and analyse with confidence business and legal documentation affecting construction projects. They will be able to advise on the suitability of procurement options and the associated risks that impact on the financial management of project. They will also have the ability to analyse cost, quantities and thereby determine the price for construction works at the design, tendering and final account stages of the works.

All graduates from the programme will be able to gather and critically evaluate

evidence and information from a range of sources, enabling them to identify and analyse problems across a range of contexts using appropriate concepts and frameworks. As such, graduates will be able to draw evidence-based conclusions, develop judgements, create and evaluate alternative solutions and make decisions on the application of these solutions. They will be able to communicate information and ideas clearly and coherently through written, graphical and oral means.

Additionally, graduates will have demonstrated that they are able to reflect on and evaluate their own performance and respond positively to feedback. They will be able to demonstrate time management skills through the effective organisation and prioritisation of workloads. They will also be able to negotiate with others and work as a team to achieve specific objectives.

Part D: External Reference Points and Benchmarks

The programme draws on the QAA benchmark statements in construction, Property and Surveying as shown in the Learning Outcomes above.

Faculty and University policies on teaching, learning and assessment including a strong emphasis on formative work, skills development and innovative approaches to teaching and learning.

The programme is underpinned by staff consultancy, professional practice and research.

The course team have excellent links with local employers who advise the course team on the content and structure of the programme through the Construction Consortium that meets three times a year.

Part E: Regulations

Approved to University Regulations and Procedures.