



### SECTION 1: KEY PROGRAMME DETAILS

PROGRAMME INFORMATION	
Final Award Title	BSc (Hons) Construction Project Management
Default Award Title (Exit Award)	N/A
Interim Award Titles (Exit Awards)	BSc Construction Project Management DipHE in Construction Project Management Certificate of HE in Construction Project Management
Awarding Institution	UWE Bristol
Teaching Institutions	UWE Bristol;
Partner Institutions	Auston Institute of Management, Singapore
Delivery Locations	Frenchay Campus, UWE Bristol; Auston Institute of Management, Singapore;
Study Abroad / Exchange / Credit Recognition	N/A
Faculty Responsible For Programme	Faculty of Environment & Technology
Department Responsible For Programme	Department of Architecture and the Built Environment
Professional Statutory or Regulatory Body (PSRB) Links	Chartered Institute of Building (CIOB) Accreditation for UWE delivery
Apprenticeship	
Mode of Delivery	UWE Bristol: Full Time, Sandwich, Part Time, Auston Institute of Management: Full Time and Part Time;
Entry Requirements	The University's Standard Entry Requirements apply. Tariff points as appropriate for the year of entry - up to date requirements are available through the <a href="#">courses database</a> . Students with a relevant HNC/HND or equivalent qualification may have their credit recognised against the level 1 modules and may enter into FT year 2 or PT year 2.1. Exceptional students with a suitable HND and average merits in all modules may have their credits recognised against relevant level 1 and level 2 modules and may enter the programme into FT year 2 or PT year 2.2.
For Implementation From	September 2020
Programme Codes	UCAS: K252 ISIS2: K25D: SW; K25D13: FT/PT; K25J (Auston IM);

PART B: FOR STUDENT AND ACADEMIC SERVICES COMPLETION ONLY	
First Approval Date	19 November 2013
Date of Last Revalidation (through Programme Enhancement Review)	30 January 2020
Next Programme Enhancement Review Date	2026

## SECTION 2: PROGRAMME OVERVIEW, AIMS and LEARNING OUTCOMES

### PART A: PROGRAMME OVERVIEW, AIMS and LEARNING OUTCOMES

#### 1. Programme Overview

##### Why study construction project management?

The urgent need to support economic development in the south west and the UK generally is increasing the number of large construction and infrastructure projects requiring development.

There is growing demand for professionals who understand the business aspects of running a company, building technology and the Information and Communication Technologies (ICT) used in the project management of construction.

##### Why UWE Bristol?

BSc(Hons) Construction Project Management (CPM) is accredited by the Chartered Institute of Building (CIOB). It's available for both full and part-time study, so you can work towards Chartered Builder or Chartered Construction Manager status if you're already working in the industry.

Learn to effectively manage the construction process to meet client needs within external constraints. Study the principles of economics, business, law, building information modelling (BIM), building design and science, and construction technology and management.

Apply your knowledge and skills to real-life scenarios in a work-based research project or dissertation on a specific topic of interest.

Our construction partner employers provide industry knowledge, 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.

Discover new techniques and approaches on site visits and field trips. Test your skills on a placement, which may qualify as part of the professional development required to achieve Chartered status.

##### Where can it take me?

On graduation, you could work for UK or global construction organisations concerned with the management and business of developing and constructing buildings and other infrastructure.

You'll have opportunities to work in project management, quantity surveying, property development, facilities and asset management.

#### 2. Educational Aims

The Programme Aims (PAs) for the UWE Bristol CPM programme are as follows:

- **PA1:** 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*.
- **PA2:** 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.

**PART A: PROGRAMME OVERVIEW, AIMS and LEARNING OUTCOMES**

- **PA3:** 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.
- **PA4:** 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.
- **PA5:** 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.
- **PA6:** A UWE Bristol 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.

**3. Programme Learning Outcomes (POs)**

The Programme (Learning) Outcomes (POs) for the UWE Bristol CPM programme are as follows:

- **PO01:** Graduates shall demonstrate the ability to use value judgement in developing solutions relating to complex construction management problems, accounting for risk and monitoring progress / completion using recognised review techniques.
- **PO02:** Graduates shall demonstrate an ability to use advanced inter-disciplinary communication techniques in areas such as productivity, conflict resolution and motivational leadership.
- **PO03:** Graduates shall demonstrate the ability to critically evaluate the impact of sustainable initiatives relating to construction project management.
- **PO04:** Graduates shall demonstrate the ability to evaluate the risks associated with proposed construction technologies relating to supply chain and constructability.
- **PO05:** Graduates shall demonstrate an ability to identify the opportunities and limitations of computerisation and evaluate their net impact.
- **PO06:** Graduates shall demonstrate the ability to critically analysis how construction psychology has an impact on the culture of health and safety on construction organisations.
- **PO07:** Graduates shall demonstrate an ability to reflect critically on their personal approach to ethics and how they can continually improve.
- **PO08:** Graduates shall demonstrate and ability to conduct *independent investigation into innovations* and an awareness of *enterprise* relating to construction environment.



**5. Stage Learning Outcomes (Optional)**

This section is *optional*, and is to be completed only where relevant.

**Year 1 (NFQ: Level 4) Certification in Higher Education in Construction Project Management**

A student who successfully demonstrates the module learning outcomes of all year 1 modules on the programme, in accordance with UWE Bristol assessment and classification regulations, shall be deemed to have demonstrated sufficient learning to warrant the award of Certification of Higher Education Construction Project Management, should they choose to complete their studies at that stage.

**Year 2 (NFQ: Level 5) Diploma in Higher Education in Construction Project Management**

A student who successfully demonstrates the module learning outcomes of all year 2 modules on the programme, in accordance with UWE Bristol assessment and classification regulations, shall be deemed to have demonstrated sufficient learning to warrant the award of Diploma of Higher Education in Construction Project Management, should they choose to complete their studies at that stage.

**Year 3 (NFQ: Level 6) Bachelor of Science in Construction Project Management**

A student who successfully demonstrates the module learning outcomes of 50% of year 3 modules on the programme, in accordance with UWE Bristol assessment and classification regulations, shall be deemed to have demonstrated sufficient learning to warrant the non-honour award of Degree in Construction Project Management, should they choose to complete their studies at that stage.

The Programme (Learning) Outcomes (POs) for the UWE Bristol CPM programme are stated again below, this time each is given a stage outcome that would be expected at each level of the programme.

- PO01: Graduates shall demonstrate: 1) a thorough knowledge of the management processes relating to the life-cycle of construction projects, from inception to recycling, including aspects such as quality control, time management and cost monitoring; 2) the skills to plan the processes and procurement methodologies relating to construction projects; 3) the ability to use value judgement in developing solutions relating to complex construction management problems, accounting for risk and monitoring progress / completion using recognised review techniques.
- PO02: Graduates shall demonstrate: 1) a thorough knowledge of roles and responsibilities of the different stakeholders involved in the delivery of construction projects; 2) the skills required to recruit and manage staff working in a collaborative culture with a range of disciplines; 3) an ability to use advanced inter-disciplinary communication techniques in areas such as productivity, conflict resolution and motivational leadership.
- PO03: Graduates shall demonstrate: 1) a thorough knowledge of the issues associated with sustainable development, including related legislation and policies, Considerate Constructors, the theories of low-carbon construction and retrofit, material efficiency and lean zero-waste construction procedures, life cycle analysis, economic and social sustainability, and quality-of-life indicators; 2) the skills to evaluate key performance indicators relating to sustainable construction; and 3) the ability to critically evaluate the impact of sustainable initiatives relating to construction project management.
- PO04: Graduates shall demonstrate: 1) a thorough knowledge of all aspects of Construction Technology, including materials, structures, services, defects and performance; 2) the technical/mathematical skills required to manage the construction and commissioning processes relating to these technologies; and 3) the ability to evaluate the risks associated with proposed technologies relating to supply chain and constructability.
- PO05: Graduates shall demonstrate: 1) an awareness of how computerisation has transformed the construction process from building information modelling, to smart procurement and off-site modular supply processes; 2) a range of digital skills that will allow them to play an active role in construction management of large complex projects; and 3) an

ability to identify the opportunities and limitations of computerisation and evaluate their net impact.

- PO06: Graduates shall demonstrate: 1) a detailed knowledge of the legal and ethical responsibilities of construction professionals in relation to health, safety and wellbeing over the course of the construction process, including legislation, CMD regulations, personal responsibilities, and open cultures in relation to mental wellbeing; 2) the skills required to implement health and safety procedures in a range of complex construction projects; and 3) the ability to critically analysis how construction psychology of individuals impacts the culture of construction organisations.

- PO07: Graduates shall demonstrate: 1) an awareness of the ethical issues that affect the construction industry, including equality, diversity, gender discrimination, unfair procurement practices, corporate social responsibility and social injustice; 2) the ability to act in a professional manner in accordance with recognised with Code of Practices; and 3) an ability to reflect critically on their personal approach to ethics and how they can continually improve.

- PO08: Graduates shall demonstrate: an ability to review, summaries and efficiently communicate a range of construction related publications; 2) write and present the documentation required to administrate the construction management process; 3) conduct independent investigation into innovation and an awareness of enterprise relating to construction environment.

**PART B: PROGRAMME STRUCTURE****1. Structure (Full-time) @ UWE Bristol**

This structure diagram demonstrates the student journey from entry through to Graduation for a typical **full time student** including:

- level and credit requirements
- interim award titles
- compulsory and optional modules

**Year: 1 (NFQ Level 4)**

Interim award: (Please refer to UWE Academic Regulations for details.)

- **CertHE Construction Project Management** – requires *120 credits*, with at least 100 at level 1 or above.

Compulsory modules:

Module Code	Module Title	Year	Credit
UBLMSS-30-1	Environmental Physics and Materials	1	30
UBLMYS-30-1	Construction Technology and Services	1	30
UBLMPC-30-1	Law, Economics and Management	1	30
UBLLWV-30-1	Principles of Sustainable Design	1	30

**Year: 2 (NFQ Level 5)**

Interim award: (Please refer to UWE Academic Regulations for details.)

- **DipHE Construction Project Management** – requires *240 credits*, at least 100 at level 2 or above and a further 120 at level 1 or above.

Compulsory modules:

Module Code	Module Title	Year	Credit
UBLMYB-30-2	Construction Technology and Building Services	2	30
UBLLY8-15-2	Site Management	2	15
UBLLYR-30-2	Project Management Tools and Techniques	2	30
UBLMGJ-15-2	Professional Practice for the Built Environment	2	15
UBLMRT-30-2	Procurement and Contract Practice	2	30

**Year: 3 (NFQ Level 6)**

Interim award: (Please refer to UWE Academic Regulations for details.)

- **BSc Construction Project Management** – requires *300 credits* with at 60 credits at level 3, a further 100 credits at level 2 or above and a further 120 at level 1 or above

Compulsory modules:

Module Code	Module Title	Year	Credit
UBLMKT-15-3	People and Financial Management	3	15
UBLLYV-30-3	Dissertation	3	30
UBLMFQ-30-3	Technological Innovation and Life Cycles	3	30
UBLLXF-30-3	Strategic and Operational Management	3	30

Optional modules:

*Students who undertake a sandwich (placement) year shall undertake the WBL option.*

UBLMNE-15-3	Collaborative Practice	3	15
UBLMG4-15-3	Workbased Research Project (WBL)	3	15

## 2. Structure (part-time) @ UWE Bristol

This structure diagram demonstrates the student journey from entry through to Graduation for a typical **part-time student** including:

- level and credit requirements
- interim award titles
- compulsory and optional modules

### Year: 1.1

Compulsory modules:

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

### Year: 1.2

Interim award: (Please refer to UWE Academic Regulations for details.)

- **CertHE Construction Project Management** – requires *120 credits*, with at least 100 at level 1 or above.

Compulsory modules:

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

### Year: 2.1

Compulsory modules:

Module Code	Module Title	Year	Credit
UBLMYB-30-2	Construction Technology and Building Services	2	30
UBLLYR-30-2	Project Management Tools and Techniques	2	30
UBLMQT-15-2	Procedure and Practice (WBL)	2	15

### Year: 2.2

Interim award: (Please refer to UWE Academic Regulations for details.)

- **DipHE Construction Project Management** – requires *240 credits*, at least 100 at level 2 or above and a further 120 at level 1 or above.

Compulsory modules:

Module Code	Module Title	Year	Credit
UBLMRT-30-2	Procurement and Contract Practice	2	30
UBLLY8-15-2	Site Management	2	15
UBLMKT-15-3	People and Financial Management	3	15
UBLMG4-15-3	Workbased Research Project (WBL)	3	15

### Year: 3.1

Interim award: (Please refer to UWE Academic Regulations for details.)

- **BSc Construction Project Management** – requires *300 credits* with at 60 credits at level 3, a further 100 credits at level 2 or above and a further 120 at level 1 or above

Compulsory modules:

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



**3. Structure (Full-time) @ Auston Institute of Management, Singapore.**

This structure diagram demonstrates the student journey from entry through to Graduation for a **full time student** at the partner institution - Auston Institute of Management, Singapore including:

- level and credit requirements
- interim award titles
- compulsory and optional modules

**Year: 2 (NFQ Level 5)**

Interim award: (Please refer to UWE Academic Regulations for details.)

- **DipHE Construction Project Management** – requires *240 credits*, at least 100 at level 2 or above and a further 120 at level 1 or above.

Compulsory modules:

Module Code	Module Title	Year	Credit
UBLMYB-30-2	Construction Technology and Building Services	2	30
UBLLY8-15-2	Site Management	2	15
UBLLYR-30-2	Project Management Tools and Techniques	2	30
UBLMGJ-15-2	Professional Practice for the Built Environment	2	15
UBLMRT-30-2	Procurement and Contract Practice	2	30

**Year: 3 (NFQ Level 6)**

Interim award: (Please refer to UWE Academic Regulations for details.)

- **BSc Construction Project Management** – requires *300 credits* with at 60 credits at level 3, a further 100 credits at level 2 or above and a further 120 at level 1 or above

Compulsory modules:

Module Code	Module Title	Year	Credit
UBLMKT-15-3	People and Financial Management	3	15
UBLLYV-30-3	Dissertation	3	30
UBLMFQ-30-3	Technological Innovation and Life Cycles	3	30
UBLLXF-30-3	Strategic and Operational Management	3	30
UBLMNE-15-3	Collaborative Practice	3	15

**4. Structure (part-time) @ Auston Institute of Management, Singapore.**

This structure diagram demonstrates the student journey from entry through to Graduation for a typical **part-time student** at Auston Institute of Management, Singapore including:

- level and credit requirements
- interim award titles
- compulsory and optional modules

**Year: 2.1**

Compulsory modules:

Module Code	Module Title	Year	Credit
UBLMYB-30-2	Construction Technology and Building Services	2	30
UBLLY8-15-2	Site Management	2	15
UBLLYR-30-2	Project Management Tools and Techniques	2	30
UBLMQT-15-2	Procedure and Practice (WBL)	2	15

**Year: 2.2**

Interim award: (Please refer to UWE Academic Regulations for details.)

- **DipHE Construction Project Management** – requires *240 credits*, at least 100 at level 2 or above and a further 120 at level 1 or above.

Compulsory modules:

Module Code	Module Title	Year	Credit
UBLMRT-30-2	Procurement and Contract Practice	2	30
UBLMKT-15-3	People and Financial Management	3	15
UBLMG4-15-3	Workbased Research Project (WBL)	3	15

**Year: 3.1**

Interim award: (Please refer to UWE Academic Regulations for details.)

- **BSc Construction Project Management** – requires *300 credits* with at 60 credits at level 3, a further 100 credits at level 2 or above and a further 120 at level 1 or above

Compulsory modules:

Module Code	Module Title	Year	Credit
UBLLYV-30-3	Dissertation	3	30
UBLMFQ-30-3	Technological Innovation and Lifecycles	3	30
UBLLXF-30-3	Strategic and Operational Management	3	30

**PART C: HIGHER EDUCATION ACHIEVEMENT RECORD (HEAR) SYNOPSIS**

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**PART D: EXTERNAL REFERENCE POINTS AND BENCHMARKS**

1. The programme draws on the QAA benchmark statements in Land, Construction, Real Estate and Surveying as shown in the Learning Outcomes above.
2. The programme is designed to comply with the level 6 undergraduate requirements of the Chartered Institute of Building.
3. The programme is designed to meet the academic requirement of the degree apprenticeship standard ST0047 – Construction Site Management (Level 6);
4. Faculty and University policies on teaching, learning and assessment.

**PART D: EXTERNAL REFERENCE POINTS AND BENCHMARKS**

**PART E: REGULATIONS**

A: Approved to [University Regulations and Procedures](#)