

Course Specification

Published Date:	27-Apr-2023
Produced By:	Multi Type Usr Record For All Personnel
Status:	Validated

Core Information

Awarding Body / Institution:	University of Wolverhampton		
School / Institute:	School of Architecture and Built Environment		
Course Code(s):	CN005T01UV	Full-time	4 Years
	CN005T31UV	Part-time	8 Years
UCAS Code:			
Course Title:	BSc (Hons) Construction Management with Foundation Year		
Hierarchy of Awards:	Bachelor of Science with Honours Construction Management Bachelor of Science Construction Management Diploma of Higher Education Construction Management Certificate of Higher Education Construction Management Foundation and Preparatory Studies Construction Management		
Language of Study:	English		
Date of DAG approval:	01/Sep/2017		
Last Review:	2017/8		
Course Specification valid from:	2017/8		
Course Specification valid to:	2023/4		

Academic Staff

Course Leader:	Mr Peter Harris
Head of Department:	Mr Paul Hampton

Course Information

Location of Delivery:	University of Wolverhampton
Category of Partnership:	Not delivered in partnership
Teaching Institution:	University of Wolverhampton
Open / Closed Course:	This course is open to all suitably qualified candidates.

Entry Requirements:

Entry requirements are subject to regular review. The entry requirements applicable to a particular academic year will be published on the University website (and externally as appropriate e.g. UCAS

- A Level minimum of BB or CCE.
- BTEC National Diploma grade MMP.
- BTEC QCF Extended Diploma grade MMP, BTEC QCF Diploma grade DM
- Access to HE Diploma full award (Pass of 60 credits - of which a minimum of 45 credits must be at level 3 including 18 at Merit or Distinction).
- Applicants will normally be expected to hold GCSE English and Maths at grade C+/4 or equivalent
- If you've got other qualifications or relevant experience, please contact [The Gateway](#) for further advice before applying.

- International entry requirements and application guidance can be found [here](#)

- Successful completion of the foundation year of our [BSc \(Hons\) Science and Engineering with Foundation Year](#) guarantees entry on to this course
- Successful completion of the [International Foundation Year in Science and Engineering](#) guarantees entry on to this course

Other Requirements

Students must have studied a minimum of two years post GCSE level. However, it is expected that some applicants will be mature students with work experience, who wish to further their career development. These applicants will be processed through standard procedures, which may involve an interview as part of the process. Please see <http://wlv.ac.uk/mature> for further information.

Those who do not meet the entry requirements may be offered an alternative course.

Distinctive Features of the Course:

The course carries full professional body accreditation from CIOB and RICS.

The course offers;

- A comprehensive technical, academic and vocational approach to construction management;
- The opportunity to interact with other professional construction disciplines;
- The ability to study on a part-time basis. A range of transferable skills are developed through the course and opportunities are available to enhance the development of the students' interpersonal skills.

Educational Aims of the Course:

The aim of this specialist course is to prepare graduates for their initial and continued employment in the discipline of Construction Management within the Built Environment.

Thus the course will;

- address the construction industry's demands for graduates who can apply the principles of construction management to construction projects.
- enable students to pursue professional careers in construction at a level which requires the exercise of judgement, initiative and the ability to make informed construction management decisions that reflect a responsible ethical and sustainable outlook.
- equip students with a detailed understanding of the key principles of construction management, underpinned with knowledge of construction technology, law, business and finance, enabling the application of these areas to construction projects.
- require students to participate in group projects where other team members are drawn from a range of cognate construction disciplines.
- develop the ability to investigate, research and report into familiar and unfamiliar subject areas, thereby enhancing the student's ability to evaluate and critique construction management principles.
- provide the opportunity to apply the construction knowledge and skills already gained in an appropriate industrial environment, thereby broadening the student's skills and knowledge of construction management and construction multi-disciplinary procedures and practices.

Graduate development will encompass the aims and objectives of the professional accrediting body Code of Conduct, the Chartered Institute of Building (CIOB) in context of the profession of the chartered builder.

Intakes:

Major Source of Funding:

Office for Students (OFS)

Tuition Fees:

Tuition fees are reviewed on an annual basis. The fees applicable to a particular academic year will be published on the University website.

Year	Status	Mode	Amount
2020/1	H	Full Time / Sandwich	£9250.00
2020/1	Overseas	Full Time / Sandwich	£12250.00
2020/1	H	Part Time	£3050.00
2020/1	Overseas	Part Time	£6125.00
2021/2	H	Full Time / Sandwich	£9250.00
2021/2	Overseas	Full Time / Sandwich	£12950.00
2021/2	H	Part Time	£3100.00
2022/3	H	Full Time / Sandwich	£9250.00
2022/3	Overseas	Full Time / Sandwich	£13450.00
2022/3	H	Part Time	£3120.00
2023/4	H	Full Time / Sandwich	£9250.00
2023/4	Overseas	Full Time / Sandwich	£14450.00

PSRB:

CN005T01UV (Full-time)

Professional Accreditation Body:
Chartered Association of Building Engineers

Accrediting Body:
Chartered Association of Building Engineers (CABE)

Accreditation Statement:
Accredited by the Chartered Association of Building Engineers (CABE).

Approved	Start	Expected End	Renewal
06/Aug/2021	01/Sep/2021	31/Aug/2026	

CN005T31UV (Part-time)

Professional Accreditation Body:
Chartered Association of Building Engineers

Accrediting Body:
Chartered Association of Building Engineers (CABE)

Accreditation Statement:
Accredited by the Chartered Association of Building Engineers (CABE).

Approved	Start	Expected End	Renewal
06/Aug/2021	01/Sep/2021	31/Aug/2026	

Course Structure:

September (Full-time)

Part time students study alongside full time students. However, they do not study more than 80 credits in each academic calendar year.

Module	Title	Credits	Period	Type
3CC004	Problem Solving in Science and Technology	20	SEM1	Core
3PY002	Communication and study skills	20	SEM1	Core
3MM003	Foundation Mathematics I	20	SEM1	Core
3CN005	Orientation to Infrastructure and the Built Environment	20	SEM2	Core
3ET007	Practical Engineering Science for Electro-Mechanical design	20	SEM2	Core
3MM004	Foundation Mathematics II	20	SEM2	Core

September (Full-time)

Part time students study alongside full time students. However, they do not study more than 80 credits in each academic calendar year.

Module	Title	Credits	Period	Type
4CN002	Sustainable Construction Technology (Residential Buildings)	20	YEAR	Core
4CN016	Built Environment Business and Economics Project	20	YEAR	Core
4CN006	Built Environment Academic and Employment Skills	20	SEM1	Core
4CN030	BIM and Data Management	20	SEM1	Core
4CN001	Introduction to Law and Construction Procurement	20	SEM2	Core
4CN027	Built Environment Professional Development	20	SEM2	Core

September (Full-time)

Part time students study alongside full time students. However, they do not study more than 80 credits in each academic calendar year.

Module	Title	Credits	Period	Type
5CN001	Brownfield Regeneration and Construction Technology (Commercial Buildings)	20	SEM1	Core
5CN022	Construction Law	20	SEM2	Core
5CN049	Project Management Processes, Tools and Techniques	20	SEM1	Core
5CN002	Resource Management	20	SEM2	Core

Group 05 | Min Value: 20 | Max Value: 20

5CN010	Built Environment Project Development	20	SEM2	
5CN045	Leadership Development	20	SEM2	
5CN047	Professional Practice - Construction Management	20	SEM1	Core

September (Full-time)

Part time students study alongside full time students. However, they do not study more than 80 credits in each academic calendar year.

Module	Title	Credits	Period	Type
6CN012	Sustainability	20	SEM2	Core
6CN034	Built Environment Dissertation	40	YEAR	Core
6CN011	Contract Administration and Dispute Resolution	20	SEM1	Core
6CN017	Construction Planning and Programming	20	SEM1	Core
6CN005	Global Construction Management	20	SEM2	Core

Please note: Optional modules might not run every year, the course team will decide on an annual basis which options will be running, based on student demand and academic factors, to create the best learning

experience.

Learning, Teaching and Assessment

Academic Regulations Exemption:

Section 1.2.5 - Exemption to permit less than 33% differentiation (mainly at Level 4) between cognate undergraduate degree programmes in Built Environment.

Pending approval by AFRSC on 4th May 2023.

Reference Points:

- QAA National Qualifications Framework
- QAA Subject Benchmark Statement for Construction Property and Surveying; and Engineering
- RICS Assessment of Professional Competence - Competencies
- School Equality & Diversity policy
- CIOB Education Framework
- Equality Act 2010.

Overview of Assessment:

As part of the course approval process, the course learning outcomes were mapped to each of the modules forming the diet of the programme of study. This process confirmed that all course learning outcomes can be met through successful completion of the modules. This mapping applies to the final award as well as to all of the intermediate awards.

Learning Outcomes	Modules
CERTHE01 Demonstrate knowledge of the underlying concepts and principles associated with your area(s) of study, and an ability to evaluate and interpret these within the context of that area of study	
CERTHE02 Demonstrate an ability to present, evaluate and interpret qualitative and quantitative data, in order to develop lines of argument and make sound judgements in accordance with basic theories and concepts of your subject(s) of study.	
CERTHE03 Evaluate the appropriateness of different approaches to solving problems related to your area(s) of study and/or work	
CERTHE04 Communicate the results of your study/work accurately and reliably, and with structured and coherent arguments	
CERTHE05 Demonstrate the qualities and transferable skills necessary for employment requiring the exercise of some personal responsibility	
DIPHE01 Demonstrate knowledge and critical understanding of the well-established principles of your area(s) of study, and of the way in which those principles have developed with an understanding of the limits of your knowledge, and how this influences analyses and interpretations based on that knowledge.	
DIPHE02 Demonstrate the ability to apply underlying concepts and principles outside the context in which they were first studied, including, where appropriate, the	

application of those principles in an employment context.

Learning Outcomes

Modules

DIPHE03 Demonstrate knowledge of the main methods of enquiry in the subject(s) relevant to the named award, and ability to evaluate critically the appropriateness of different approaches to solving problems in the field of study.

DIPHE04 Use a range of established techniques to initiate and undertake critical analysis of information, and to propose solutions to problems arising from that analysis.

DIPHE05 Effectively communicate information, arguments and analysis in a variety of forms to specialist and non-specialist audiences, and deploy key techniques of the discipline effectively.

DIPHE06 Demonstrate the qualities and transferable skills necessary for employment, requiring the exercise of personal responsibility and decision-making and undertake further training, developing existing skills and acquire new competences that will enable them to assume significant responsibility within organisations.

BHONSN01 Understand the key concepts, theories, practice and principles of the discipline of construction management and to evaluate their application into the industrial environment including; Financing and management of construction resources and projects, Legislative framework in which construction industry and property management professions operate, Health & Safety legal concepts, Management of projects from conception to realisation operational use, Specialist knowledge of sustainability technology and management, Factors that contribute to deterioration of buildings, Resource management and allocation, Specialist knowledge of construction contracts including specific responsibilities for Health & Safety, Technical principles and applications of levelling, surveying and setting out to construction situations, Key concepts and principles of estimating, Conceptual and applied aspects of construction technology.

BHONSN02 Understand and identify the factors that can contribute to the various stages of development, use and deterioration of the built estate.

BHONSN03 Assess the relevant principles operating in the inter-action and placement of structural and non-structural components of buildings.

BHONSN04 Understand and demonstrate knowledge of the current role, responsibilities and professional ethics of the construction manager in their own right and within the context of the maintenance of professional practice in the wider built environment.

BHONSN05 Evaluate and synthesise the relevant topical issues and drivers for change and their development and application by construction managers in the built environment.

BHONSN06 Acquire and apply the skills necessary to pursue careers in construction management within the built environment; including the areas of: economic and social, legal and cultural, technological and physical, environment and sustainability, business management and financial.

BHONS01 Understand the key concepts, theories, practice and principles of the discipline of construction management and to evaluate their application into the industrial environment

including: Financing and management of construction resources and projects, Legislative framework in which construction industry and property management professions operate, Health & Safety legal concepts, Management of projects from conception to realisation operational use, Specialist knowledge of sustainability technology and management, Factors that contribute to deterioration of buildings, Resource management and allocation, Specialist knowledge of construction contracts including specific responsibilities for Health & Safety, Technical principles and applications of levelling, surveying and setting out to construction situations, Key concepts and principles of estimating, Conceptual and applied aspects of construction technology.

Modules

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BHONS05 Evaluate and synthesise the relevant topical issues and drivers for change and their development and application by construction managers in the built environment.

BHONS06 Acquire and apply the skills necessary to pursue careers in construction management within the built environment; including the areas of: economic and social, legal and cultural, technological and physical, environment and sustainability, business management and financial.

Teaching, Learning and Assessment:

Lectures.

Tutorials.

Independent study and research.

Lectures and tutorials will be used to introduce the module and enhance understanding of the key aspects of the subject matters. The distinctive feature of the student's learning experience on this module will be the opportunity to evaluate the validity of construction contracts via an in-depth study of case law.

Scholarly activities will enable students to engage in independent inquiry and research and this will enhance their understanding of the evolution of law and contracts and how these operate in practice.

Students will be able to demonstrate global citizenship and ability to apply learning in making decisions by undertaking a practically oriented assessment.

Assessment Methods:

At the University of Wolverhampton, a variety of modes of assessment will be used to support and test your learning and progress and to help you develop capabilities that are valued beyond your University studies and into your working life. Your course may include a variety of assessment activities:

Written examinations (including online examinations, open and closed book examinations and quizzes)
Coursework (for example, essays, reports, portfolios, project proposals and briefs, CVs, poster presentation)
Practical (for example, oral and video presentations, laboratory work, performances, practical skills assessment)

In the final year of your undergraduate degree, and at the end of your postgraduate degree, you are likely to be expected to write an extended piece of work or research, such as a dissertation or a practice-based piece of research.

Student Support:

Enhanced learning support is provided in the following areas;

1. Face-to-face tutorial sessions
2. Report writing and oral/presentation communications skills
3. Libraries - literature searches and information searches
4. Practical/lab/experimental activities and reporting
6. Research for project work
6. Promotion of *independent learning* during tutorials, face-to-face sessions
7. Formative assessment opportunities in all modules

The University complements this by supporting your learning through the provision of generic study skills including communication and how to write academic assignments. In addition, there will be opportunities to develop your information seeking and information management skills. These may be in the form of seminars or workshops delivered by LIS staff and embedded into the curriculum or by following the programme of "InfoBite" workshops available in the Library.

Employability in the Curriculum:

Construction Management expertise is required across the whole range of construction sectors, including residential, commercial and leisure, both in the UK and overseas. A graduate of the professionally accredited BSc (Hons) Construction Management course could specialise in any area of construction including working for the client or contractor. Increasingly the skills of construction managers are needed in energy conservation and global sustainability issues.

The course prepares students to take on a series of roles and responsibilities in a contemporary construction teams such as project management, contracts management, estimating, site engineering, cost engineering and programme management and paves the way for further study at post graduate level. Upon completion of the Construction management award further higher education opportunities also exist, typically in the area of construction project management or construction law.

Graduate Construction Managers may also be eligible to study built environment related qualifications at Master's Degree level to further enhance their career opportunities.