

## Course Specification

<b>Published Date:</b>	15-Sep-2020
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<b>Status:</b>	Validated

## Core Information

<b>Awarding Body / Institution:</b>	University of Wolverhampton		
<b>School / Institute:</b>	School of Architecture and Built Environment		
<b>Course Code(s):</b>	CN007K23UV	Sandwich	4 Years
<b>UCAS Code:</b>	K241		
<b>Course Title:</b>	BSc (Hons) Quantity Surveying with Sandwich Placement		
<b>Hierarchy of Awards:</b>	Bachelor of Science with Honours Quantity Surveying, having satisfactorily completed a sandwich placement Bachelor of Science with Honours Quantity Surveying Bachelor of Science Quantity Surveying, having satisfactorily completed a sandwich placement Bachelor of Science Quantity Surveying Diploma of Higher Education Quantity Surveying Certificate of Higher Education Quantity Surveying University Statement of Credit University Statement of Credit		
<b>Language of Study:</b>	English		
<b>Date of DAG approval:</b>	25/Sep/2017		
<b>Last Review:</b>	2015/6		
<b>Course Specification valid from:</b>	2014/5		
<b>Course Specification valid to:</b>	2021/2		

## Academic Staff

<b>Course Leader:</b>	Mrs Lovelin Obi
<b>Head of Department:</b>	Mr Paul Hampton

# Course Information

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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.

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## Entry Requirements:

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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)

### 2017 Entry

- A Level minimum of AA or CCC.
- BTEC National Diploma grade MMM, BTEC National Certificate grade DD
- BTEC QCF Extended Diploma grade MMM, BTEC QCF Diploma grade DD
- 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 [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:

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The BSc (Hons) Quantity Surveying course is professionally accredited by the Royal Institution of Chartered Surveyors (RICS), Chartered Institute of Building (CIOB), and Quantity Surveying International (QSi). Professional accreditation is provided through the partnership arrangements between the University of Wolverhampton and the professional bodies. Accreditation gives the graduate the opportunity to qualify as a chartered surveyor once appropriate industrial experience has been obtained and through a successful assessment of professional competence, as directed by the RICS.

### Key features of the delivery of the course are:

- traditional and digital measurement, Building Information Modelling (BIM) and core principles required by a quantity surveyor, commercial manager or cost consultant provided by lecturers and practitioners from within the discipline.
- The use of live projects and work based learning to enhance and development all the key employability skills required by the modern cost consultants
- Be taught and supported in the classroom and one-on-one by an award winning team of lecturers and researchers.
- Supported in industry to obtain their professional body membership during and after they have graduated
- Have the opportunity to apply for industry placement both in the UK and overseas

A placement can be undertaken anywhere; local, national or even, in some instances, international. During a placement, you will be doing similar work to a normal employee of the organisation giving you a unique insight into your chosen profession or sector, the opportunity to acquire crucial personal skills and also the opportunity to build a network of useful contacts. Many companies that employ graduates use placement programmes as a method of recruitment so you could be fast tracked into employment or onto one of their graduate schemes if you impress them.

The team at [The Workplace](#) constantly search for new placement opportunities but if you find an opportunity that interests you or you have been successful in securing one yourself, contact them for further information and support.

### Educational Aims of the Course:

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The overall aim of this course is to ensure graduates are work ready, independent learners who can problem solve, are able to use a range of IT software, can demonstrate that they have the competency required by all the professional bodies both in construction and civil quantity surveying. This ensures that graduates are equipped with the appropriate quantity surveying and construction knowledge and enterprising spirit to practise professionally and ethically. Thus, the course will:

- address industry's demand for graduates who can apply the principles of quantity surveying, cost management and commercial management to the execution of projects from inception right through to disposal of the building within the construction sector;
- enable students to pursue careers in commercial and cost management and quantity surveying at a level which requires the exercise of sound professional judgement, and initiative, and the ability to make practical yet informed decisions on complex projects with unpredictable circumstances that reflect a responsible, ethical, and socially aware outlook;
- furnish students with a detailed understanding of the principles of commercial management and quantity surveying, combined with an understanding of wider construction issues such as digital measurement, data management, BIM, construction technology, economics and finance, construction contracts and law;
- provide a multi-disciplinary education in quantity surveying, combined with an appreciation of a range of construction related areas, thereby providing access to a wide range of future career paths in project management, construction law and BIM;
- require students to participate in group projects where the project team members are drawn from a range of associated construction disciplines;
- develop the ability to research familiar and unfamiliar subject areas related to BIM, commercial management, quantity surveying and construction, thereby enhancing the application of key issues into real life;
- provide the opportunity to apply the knowledge and skills already gained, in an appropriate construction environment, thereby broadening the student's knowledge of construction industry procedures and practices.

### Intakes:

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September

### Major Source of Funding:

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Office for Students (OFS)

### Tuition Fees:

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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

PSRB:

CN007K23UV (Sandwich)

Professional Accreditation Body:  
Chartered Institute of Building (CIOB)

Accrediting Body:  
Chartered Institute of Building (CIOB)

Accreditation Statement:

"Accredited by the Chartered Institute of Building (CIOB), having been judged to meet the CIOB Education Framework. Prospective members holding these qualifications have full academic exemption and may enter CIOB membership without the requirement for an Individual Assessment."

Approved	Start	Expected End	Renewal
01/Jan/2017	01/Jan/2017	31/Dec/2022	01/Jan/2023

CN007K23UV (Sandwich)

Professional Accreditation Body:  
Royal Institution of Chartered Surveyors (RICS)

Accrediting Body:  
Royal Institution of Chartered Surveyors (RICS)

Accreditation Statement:

Accredited by the Royal Institution of Chartered Surveyors (RICS) for the purpose of graduate membership.

Approved	Start	Expected End	Renewal
01/Jan/2017	01/Jan/2017		

CN007K23UV (Sandwich)

Professional Accreditation Body:  
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
17/Mar/2014	17/Mar/2014	31/Aug/2019	31/Aug/2019

CN007K23UV (Sandwich)

Professional Accreditation Body:  
The QSi

Accrediting Body:

The QSi

Additional Notes:

Approved	Start	Expected End	Renewal
	06/Jan/2017	31/Dec/2020	

CN007K23UV (Sandwich)

Professional Accreditation Body:  
Quantity Surveyors International

Approved	Start	Expected End	Renewal
	06/Jan/2017	31/Dec/2020	

Course Structure:

## September (Sandwich)

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

### Year 1

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 (Sandwich)

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

### Year 2

Module	Title	Credits	Period	Type
5CN001	Brownfield Regeneration and Construction Technology (Commercial Buildings)	20	YEAR	Core
5CN022	Construction Law	20	YEAR	Core
5CN038	Professional Practice	20	SEM1	Core
5CN035	Construction Costing and Procurement	20	SEM1	Core
5CN034	Construction Project Administration	20	SEM2	Core
5CN010	Academic, Leadership and Employment Skills	20	SEM2	Core

## September (Sandwich)

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

### Year 3

Module	Title	Credits	Period	Type
5CN025	Industrial Placement	40	CRYRA	Core

## September (Sandwich)

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

### Year 4

Module	Title	Credits	Period	Type
6CN010	Built Environment Dissertation	20	YEAR	Core
6CN019	Development Economics and Finance	20	YEAR	Core
6CN011	Contract Administration and Dispute Resolution	20	SEM1	Core
6CN023	Construction Measurement and Cost Management	20	SEM2	Core

**For this option group you must choose a minimum of 20 credits and a maximum of 20 credits**

6CN006 Leadership Development (optional for part-time and full-time students at an additional cost)

6CN012	Sustainability	20	SEM2
6CN006	Leadership Development	20	SEM2

**For this option group you must choose a minimum of 20 credits and a maximum of 20 credits**

6CN018 Work Based Learning B (optional for part-time students ONLY). Full-time students must study 6CN024.

6CN018	Workbased Learning B	20	SEM1
6CN024	Commercial Project Management	20	SEM1

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:

None.

Reference Points:

- QAA National Qualifications Framework
- QAA Subject Benchmark Statement for Quantity Surveying; and Engineering
- RICS Assessment of Professional Competence - Competencies
- School Equality & Diversity policy, dated 2013
- Equality Act 2010
- CIOB Education Framework.

Learning Outcomes:

CertHE Course Learning Outcome 1 (CHECLO1)

"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."

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CertHE Course Learning Outcome 2 (CHECLO2)

"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."

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CertHE Course Learning Outcome 3 (CHECLO3)

Evaluate the appropriateness of different approaches to solving problems related to your area(s) of study and/or work.

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CertHE Course Learning Outcome 4 (CHECLO4)

"Communicate the results of your study/work accurately and reliably, and with structured and coherent arguments."

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CertHE Course Learning Outcome 5 (CHECLO5)

Demonstrate the qualities and transferable skills necessary for employment requiring the exercise of some personal responsibility.

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DipHE Course Learning Outcome 1 (DHECLO1)

"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."

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DipHE Course Learning Outcome 2 (DHECLO2)

"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."

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DipHE Course Learning Outcome 3 (DHECLO3)

"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."

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DipHE Course Learning Outcome 4 (DHECLO4)

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

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DipHE Course Learning Outcome 5 (DHECLO5)

"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."

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DipHE Course Learning Outcome 6 (DHECLO6)

"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."

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Ordinary Degree Course Learning Outcome 1 (ORDCLO1)

"Understand and develop the current role, responsibilities and professional ethics of the quantity surveyor in their own right and within the context of the maintenance of professional practice in wider built environment."

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Ordinary Degree Course Learning Outcome 2 (ORDCLO2)

"Demonstrate knowledge and understanding of the key concepts, theories, practice and principles of the discipline of Quantity Surveying/Commercial management/ Cost managers and to evaluate their application into the professional environment including; (a)Management of the life cycle of a construction project from inception right through to operational and end of life looking at sustainable factor, construction technology. (b) Resource management and allocation. (c) Specialist knowledge of construction contracts including specific responsibilities for health and safety adjudication and contract claims assessments. (d) Technical application and principles of site surveying and recording site data. (e) Financial viability of construction projects. (f) Measurement and cost management including the use of digital data. (g) An understanding of the inter-action and placement of structural and non-structural components of buildings."

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Ordinary Degree Course Learning Outcome 3 (ORDCLO3)

Demonstrate appreciation of relevant topical issues and drivers for change and their development and application to the quantity surveyor/ commercial manager or cost consultant in the built environment.

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Ordinary Degree Course Learning Outcome 4 (ORDCLO4)

"Understand and apply the technological, social, cultural, economic, legal, physical factors and skill-sets to pursue a range of careers as a chartered quantity surveyor/ chartered builder/commercial or cost manager within the built environment."

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Ordinary Degree Course Learning Outcome 5 (ORDCLO5)

Critically evaluate and synthesize construction best practice and specialist knowledge and skill required by a quantity surveyor/ commercial manager and cost manager.

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Honours Degree Course Learning Outcome 1 (DEGCLO1)

"Understand and develop the current role, responsibilities and professional ethics of the quantity surveyor in their own right and within the context of the maintenance of professional practice in wider built environment."

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Honours Degree Course Learning Outcome 2 (DEGCLO2)

"Demonstrate knowledge and understanding of the key concepts, theories, practice and principles of the discipline of Quantity Surveying/Commercial management/ Cost managers and to evaluate their application into the professional environment including:- (a)Management of the life cycle of a construction project from inception right through to operational and end of life looking at sustainable factor, construction technology. (b) Resource management and allocation. (c) Specialist knowledge of construction contracts including specific responsibilities for health and safety adjudication and contract claims assessments. (d) Technical application and principles of site surveying and recording site data. (e) Financial viability of construction projects. (f) Measurement and cost management including the use of digital data. (g) An understanding of the inter-action and placement of structural and non-structural components of buildings."

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Honours Degree Course Learning Outcome 3 (DEGCLO3)

Demonstrate appreciation of relevant topical issues and drivers for change and their development and application to the quantity surveyor/ commercial manager or cost consultant in the built environment.

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## Honours Degree Course Learning Outcome 4 (DEGCLO4)

"Understand and apply the technological, social, cultural, economic, legal, physical factors and skill-sets to pursue a career in Chartered Quantity Surveying or commercial management or cost management within the built environment."

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## Honours Degree Course Learning Outcome 5 (DEGCLO5)

"Critically evaluate and synthesize construction best practice themes, techniques and tools used by quantity surveyors, commercial managers and cost managers."

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## Overview of Assessment:

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Module	Title	Course Learning Outcomes
4CN001	Introduction to Law and Construction Procurement	CHECLO1, CHECLO4, CHECLO5
4CN002	Sustainable Construction Technology (Residential Buildings)	CHECLO1, CHECLO3, CHECLO4
4CN006	Built Environment Academic and Employment Skills	CHECLO2, CHECLO4, CHECLO5
4CN016	Built Environment Business and Economics Project	CHECLO2, CHECLO4, CHECLO5
4CN027	Built Environment Professional Development	CHECLO1, CHECLO3, CHECLO4
4CN030	BIM and Data Management	CHECLO1, CHECLO2, CHECLO3, CHECLO4
5CN001	Brownfield Regeneration and Construction Technology (Commercial Buildings)	DHECLO1, DHECLO4
5CN004	Work Based Learning A (Optional WBL/PT)	DHECLO1, DHECLO2, DHECLO5
5CN010	Academic, Leadership and Employment Skills	DHECLO1, DHECLO5, DHECLO6
5CN022	Construction Law	DHECLO2, DHECLO4
5CN025	Industrial Placement	DHECLO1, DHECLO2, DHECLO3, DHECLO4, DHECLO5, DHECLO6
5CN034	Construction Project Administration	DHECLO3, DHECLO4
5CN035	Construction Costing and Procurement	DHECLO1, DHECLO4
5CN038	Professional Practice	DHECLO3, DHECLO4, DHECLO6
6CN006	Leadership Development	DEGCLO1, DEGCLO3, ORDCLO1, ORDCLO3
6CN010	Built Environment Dissertation	DEGCLO2, DEGCLO4, ORDCLO2, ORDCLO4
6CN011	Contract Administration and Dispute Resolution	DEGCLO2, DEGCLO4, ORDCLO2, ORDCLO4
6CN012	Sustainability	DEGCLO3, DEGCLO5, ORDCLO3, ORDCLO5
6CN018	Workbased Learning B	DEGCLO1, DEGCLO2, DEGCLO5, ORDCLO1, ORDCLO2, ORDCLO5
6CN019	Development Economics and Finance	DEGCLO3, DEGCLO4, ORDCLO3, ORDCLO4
6CN023	Construction Measurement and Cost Management	DEGCLO2, DEGCLO5, ORDCLO2, ORDCLO5
6CN024	Commercial Project Management	DEGCLO1, DEGCLO4, ORDCLO1, ORDCLO4

## Teaching, Learning and Assessment:

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### 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:

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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:

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Enhanced learning support is provided in the following areas:

1. Face-to-face tutorial sessions
2. Report writing and oral/presentation communications skills
3. Learning centre – 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 Learning Centres.

### Employability in the Curriculum:

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Quantity surveying, cost management and commercial management expertise is required across a wide range of construction and property sectors, including residential, commercial, leisure, civil engineering both in the UK and overseas.

The BSc (Hons) Quantity Surveying course is aimed at individuals who wish to pursue a career in quantity

surveying, cost management or commercial management, whose work would normally be within an organisation offering quantity surveying and commercial management careers, with quantity surveying opportunities available in client organisations, contracting organisations and their supply chains, local and central government, government agencies (e.g. the Highways Agency, NHS), Network Rail and in commercial construction and property organisations.

Increasingly the skills of quantity surveyors are needed to work in the global construction market, adjudication, specialist cost and data management, digital management and sustainability issues. Further opportunities exist in the areas of sustainability, cost consultancy, health and safety and specialist BIM/IT within the built environment.

Upon completion of the course further higher education opportunities also exist at Master's Degree level to further enhance their career opportunities; typically in the area of construction project management, construction law or BIM.

The completion of a Sandwich Year will enable you to gain valuable hands on experience in a relevant work environment. This will not only provide additional practical subject skills but it will also develop personal transferable skills such as communication skills, problem solving skills and demonstrate competency in working with other people. This will increase your employability and assist you in gaining employment in the future.



THE UNIVERSITY OF OPPORTUNITY