

ACADEMIC SERVICES

PROGRAMME SPECIFICATION

Part 1: Basic Data		
Awarding Institution	UWE	
Teaching Institution	UWE and Auston Institute of Management , Singapore	
Delivery Location	Frenchay and Auston Institute of Management , Singapore	
Faculty responsible for programme	Environment and Technology	
Department responsible for programme	Construction and Property	
Modular Scheme Title	Postgraduate Modular Scheme	
Professional Statutory or Regulatory Body Links	CIOB and RICS	
Highest Award Title	MSc Construction Project Management	
Default Award Title		
Fall-back Award Title		
Interim Award Titles	PG Diploma Construction Project Management PG Certificate Construction Project Management	
UWE Progression Route		
Mode(s) of Delivery	FT / PT Full Time and Part Time at Auston Institute of Management, Singapore	
Codes	UCAS:	JACS:
	ISIS2: K90012 K90012 (FT/PT) K26H12 (FT/PT AIM): K25H12 (Auston)	HESA:
Relevant QAA Subject Benchmark Statements		
CAP Approval Date	June 2016	
Valid from	September 2016	
Valid until Date		
Version	1	

Part 2: Educational Aims of the Programme

The programme aims to develop understanding of the management functions required of and by organisations and projects in construction, including the full spectrum of the development process. This requires students to be able to comprehend and engage in case studies of the process through which buildings and works of civil engineering are created and supported with building information modelling, and, in particular, analyse the environmental, economic, technical, and legal constraints of construction. More specifically, the aims of the award are to:

1. Provide students with a stimulating, educational and professional programme of study to develop competent, versatile, enterprising, and self-reliant managers.
2. Motivate and equip students to play a leading role in construction project management, engage effectively in improving the process through which companies, practices and projects are managed, and which, in turn, manage the creation and sustainability of the built environment.
3. Offer opportunities for flexibility of study for individual students, both UK and international, in relation to their own circumstances, interests, or career.
4. Provide a balanced mix of challenge and support as students build and place in context their knowledge base, understanding, and skills; and offer opportunities to re-evaluate these in new contexts and in the light of additional evidence.

Part 3: Learning Outcomes of the Programme

A. Knowledge and Understanding (subject specific) - by the end of the programme, the student should be able to:

1. Analyse the role of user requirements, functional requirements, performance standards and legislation in the design of the built environment;
2. Identify current management paradigms and strategies and evaluate their effectiveness in the context and culture of the construction industry;
3. Apply information technology both in the context of learning, and the construction process, and examine its growing strategic importance;
4. Identify and evaluate contemporary construction procurement methods and their associated contractual arrangements;
5. Critically analyse financial performance, and evaluate the management of financial resources in construction and property, and other organisations in relation to their finite nature, cost (financial and environmental), and the importance of achieving optimum utilisation;
6. Examine the resources of production to ensure that the design is brought to fruition, to the required levels of quality and reliability within financial, legal, time and environmental constraints;
7. Recognise the resources required for the development process to ensure that design information is provided within time restraints and that it satisfies the requirements of the design brief;
8. Identify the various internal and external factors affecting the interdependence of the design process, production technologies, resources, and buildability;
9. Critically appraise various factors in projects in order to produce solutions that are acceptable in social, economic, environmental and technological terms.

B. Intellectual Skills (generic) - by the end of the programme, the student should be able to:

1. Judge and evaluate the quality (validity, reliability and generality) of evidence which is used to support claims about theory/current problems in practice;

Part 2: Educational Aims of the Programme

	IS1	x	x	x	x	x	x	x	x	x	
	IS2	x	x	x	x	x	x	x	x		
	IS3						x				
	IS4									x	
	IS5			x				x			
(C) Subject/Professional/Practical Skills											
	SS1			x							
	SS2		x			x					
	SS3				x			x			
	SS4						x				
	SS5				x		x	x	x		
(D) Transferable skills and other attributes											
	TS1			x	x						
	TS2						x	x			
	TS3									x	
	TS4									x	

Part 4: Student Learning and Student Support

Delivery at UWE

The teaching and learning strategy of the Faculty has been developed with an investment in reflection on best practice. At the heart of the strategy are the goals of fostering deep approaches to learning and promoting lifelong learning. These are to be achieved through a strategy of managed diversity, particularly with M level study.

The open learning structure of this programme gives students the advantages of learning at a distance (flexibility and less time away from work) combined with enough face-to-face contact with staff and fellow students to encourage the group identity and support which is more difficult to achieve with full distance learning.

The 'part-time' MSc route requires attendance for one induction day and then 20 two day blocks over 2 years (ten blocks to PG Certificate stage, ten more to PG Diploma, no formal attendance requirement for the Masters stage). The 'full-time', 12 month MSc route requires attendance for 20 two day blocks, but students are also supported by tutorials in between blocks, in addition to the electronic means listed below. Again, there will be flexibility with regard to the submission date of the dissertation, allowing completion in 12 or 14 months. The PG Student Adviser provides additional support for students and is the 'first point of call' for problems.

The attendance blocks are designed such that a module has one contact day in each of five blocks of a teaching period, providing time in between the blocks for reflection, reading around the subject, making connections with the student's job (where applicable), carrying out directed activities, etc. Tutor support is provided in this period via telephone and e-mail.

Delivery at Auston Institute of Management (AIT)

Student attendance and contact with tutors at Auston Institute of Management will reflect the teaching delivery and student study patterns at UWE with student support provided by tutors locally together with web based learning materials prepared by UWE.

Pattern of delivery

Courses will be delivered by a combination of methods, including some, or all, of the following: formal lectures, tutorials, workshops, case-study analyses, interactive online exercises, simulations, discussion groups and multimedia presentations. This will be supported by online

Part 4: Student Learning and Student Support

access to UWE learning resources materials for use by teaching staff including lecture notes, reading lists and references for further reading, tutorial outlines, coursework assessment tasks and exam papers, etc.

Teaching Accommodation

In addition to seven teaching rooms AIT provides a study area for students with printing and binding facilities and access to past projects and dissertations, online journals and required reference and core texts for courses.

Library:

In addition to access to UWE's online library as part of their registration entitlement, students have access to the National Library of Singapore approximately 10 minutes from the campus. Auston also provides reference texts and required texts as listed in the module specifications as part of their study package.

IT Facilities:

Auston provides a dedicated computer laboratory for the use of students and the entire campus is wifi-accessible to students.

Description of any Distinctive Features

Professional recognition

1. This programme is accredited by the Chartered Institute of Building (CIOB) which provides exemption from all of the written examinations of the CIOB. The CIOB is the principle institution for professionals entering the construction management profession. Subject to the provision of acceptable CIOB specified quality management documentation the accreditation is available to students studying the programme both in the UK and internationally.
2. This course is part of the University's Partnership arrangement the Royal Institution of Chartered Surveyors (RICS) which fully accredits the programme for students studying in the UK only.

Part 5: Assessment

Approved to [University Regulations and Procedures](#)

Part 6: Programme Structure

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 requirements, module diet, including compulsory and optional modules.

ENTRY

Year	Compulsory Modules	Optional Modules	Interim Awards
1	<p>UBLMCJ-15-M Construction Contract Law</p> <p>UBLMKW-15-M Managerial Finance for the Built Environment</p> <p>UBLM7A-15-M Project Management Principles</p> <p>UBLMGW-15-M BIM in Design Co-ordination</p> <p>UBLM78-15-M Construction Procurement</p> <p>UBLM79-15-M Construction Project Management Practice</p> <p>UBLMR4-15-M Sustainability in the Built Environment</p> <p>UBLMHF-15-M BIM in Construction Operations</p> <p>UBLLY7-60-M Dissertation</p>	None	<p>PG Certificate Construction Project Management</p> <p>60 credits at level M from the modules listed (excluding the Dissertation)</p> <p>PG Diploma Construction Project Management</p> <p>120 credits at level M, (excluding the Dissertation)</p> <p>Highest award</p> <p>MSc Construction Project Management</p> <p>180 credits at level M including the dissertation</p>

Part time:

The following structure diagram demonstrates the student journey from Entry through to Graduation for a typical **part time student**.

ENTRY

	Compulsory Modules	Optional Modules	Interim Awards
Year 1.1	UBLMCJ-15-M Construction Contract Law UBLMKW-15-M Managerial Finance for the Built Environment UBLM7A-15-M Project Management Principles UBLM78-15-M Construction Procurement UBLM79-15-M Construction Project Management Practice UBLMR4-15-M Sustainability in the Built Environment	None	PG Certificate Construction Project Management 60 credits at level M from the modules listed (excluding the Dissertation)
Year 1.2	UBLMGW-15-M BIM in Design Co-ordination UBLMHF-15-M BIM in Construction Operations UBLLY7-60-M Dissertation	Optional Modules	Interim Awards PG Diploma Construction Project Management 120 credits at level M, (excluding the Dissertation) Highest award MSc Construction Project Management 180 credits at level M including the dissertation

Part 7: Entry Requirements

The University's Standard Entry Requirements apply with the following additions/exceptions*:

Successful applicants will:

- i) hold a 2.2 honours degree awarded by a UK university (or equivalent approved degree awarded by an overseas institution) OR
- ii) hold other appropriate academic or professional qualifications approved as an entry qualification by a relevant professional body OR
- iii) be without the educational background as described above but who may be admitted

Part 7: Entry Requirements

subject to showing their experience and potential ability to cope with the requirements of the award; in such cases, applicants will normally:

- a) possess an appropriate educational background and provide evidence of appropriate ability in English Language (IELTS 6.5 or equivalent for international students) and Mathematics,
- b) be able to demonstrate that they have at least three years of appropriate experience
- c) provide a satisfactory employer's reference confirming their experience and capability,
- d) provide an essay of at least 1000 words, to a satisfactory standard on a selected topic,
- e) satisfy at interview their potential suitability and ability to benefit from study for the award.

The course draws upon international experience and examples, and international applications are welcomed.

Part 8: Reference Points and Benchmarks

The programme is designed to be consistent with the qualifications descriptors set out in the National Qualification Framework issued by the Quality Assurance Agency for Higher Education.

The programme has been designed to take into account the research expertise available within the Faculty and in particular the Construction and Property Research Centre. This research will strongly underpin the programme content, particularly in the area of innovation in the management of projects and information communication technology.

The development of the programme has been influenced by government, employers and professional bodies, such as the: Department for Business, Innovation and Skills; the Construction Best Practice Programme; Chartered Institute of Building; and the Royal Institution of Chartered Surveyors.

Links with employers through part time students and their interaction between academia and practice are maintained through the Construction Consortium.

What methods have been used in the development of this programme to evaluate and improve the quality and standards of learning?

The construction sector has seen a recent shift to incorporate sustainability issue and, more recently, the introduction of Building Information Modelling/Management (BIM) – these are now firmly identifiable as core modules within the new programme, which will make it more attractive to prospective applicants and, likewise, make our students 'industry ready' and more employable.

This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content and teaching, learning and assessment methods of individual modules can be found in module specifications, available on the [University's website](#).